Table of Contents

Safe Label System®
Drug Labeling Solution

EN - English

Documentation Notice
This document is part of the EU MDR requirements. The Codonics Safe Label System® Product is a Class I medical devices intended for use by Healthcare Professionals. Product packaging and labeling, including Graphic User Interface (GUI) for operation are offered in English and meet MDR, Annex I, Chapter III, 23.4, taking account the training and the knowledge of the potential user.

Web information, Key Specifications, Intended Use, User Manual Appendices, Quick Start Guide and Setup IFU (Instructions for use) are available in basic translation for Member State Languages. Primary IFU are available in English.

Codonics Products are Class I products intended for use by Healthcare Professionals.
Products packaging and labeling, including Graphic User Interface (GUI) for operation are
Offered in English and meet MDR, Annex I, Chapter III, 23.4, taking account the training and the knowledge of the potential user.

*Web information, Key Specifications, Intended Use, User manual Appendix, Quick Start Guide & Setup IFU are available in simple translation Member State Languages; primary IFU are available in English

Overview:
Codonics Safe Label System SLS 550i Point of Care Station (PCS) is the standard of care in the world's leading hospitals. An award-winning FDA Class II medical device, the system improves the safety and accuracy of medication management and labeling compliance anywhere medications are prepared. In the OR, SLS integrates with anesthesia medication carts to electronically identify the drug in hand. Visual and audible confirmation based on the NDC of the vial/ampoule provides clinicians with a real-time safety check that acts as a second set of eyes, helping to eliminate the most prevalent medication errors. On demand, SLS produces a ready-to-apply TJC-compliant label that includes a barcode that captures the NDC from the parenteral vial for integration at administration with Epic and Cerner. When used in conjunction with Codonics SLS-WAVE, this process electronically documents the patient record 'hands-free' to improve charge capture, billing accuracy and 340B compliance, creating standardization and enabling BCMA in the OR.

Safe Label System:
Integrates with existing workflows, adding TJC compliance and pharmacy oversight at every location where on-demand medications are prepared, such as the OR, ICU, PACU, patient floors and pharmacy

Provides clinicians with electronic medication safety checks while increasing productivity

Allows hospital-approved drugs, diluents, concentrations, and total dose/total volume preparations to be integrated with worldwide recognized best practices and international standards in a formulary managed by pharmacy and available at the fingertips of anyone
preparing medications

Captures the exact NDC of the parenteral vial and carries it to the prepared label to provide 100% accurate documentation for charge capture and 340B accountability

Can be managed remotely including software updates and provides status feedback to specified users via the Administration Tool and Email Notifier (optional)

When used in conjunction with SLS-WAVE, the complete solution enables 'hands-free' integration with Epic and Cerner to maximize revenue, improve patient outcomes and clinician workflow by reducing manual clicks

Improve Patient Safety

Errors in preparation and selection as well as documentation inaccuracies occur for a number of reasons. Multiple distractions, poor handwriting and look-alike /sound-alike drugs greatly contribute to the potential for medication errors. SLS embraces the call to improve patient and medication safety by:

Reduces the most common drug errors made during the selection, preparation and administration of injectable and intravenous medications in the OR, including vial/ampoule swaps, mislabeling/illegible labeling, syringe swaps and expired syringes

Meets the ISMP and APSF recommendations that every anesthetizing location should have a mechanism to identify medications before drawing them up or administering them (barcode reader)

Automatically presents clinicians with visual and audible confirmations of each drug and concentration, incorporating electronic safety checks to remove the element of human error

Specifications

System: Integrated touch screen computer, 2D barcode scanner, color ink jet printer, audio feedback and network capable
(Ethernet standard, Wi-Fi optional)

Power: Universal Input: 100-240 VAC, 50/60 Hz

Dimensions: 10.43 " (26.5 cm) W, 15.67" (39.8 cm) D, 16.50 " (41.9 cm) H

Weight: 14.5 lbs. (6.6kg)

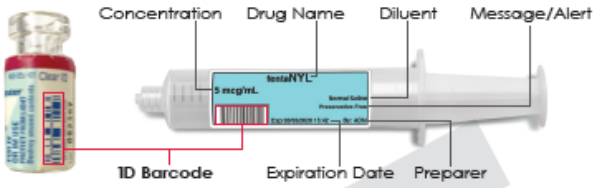
Regulatory: Full medical device compliance including Class 2 FDA and Class I MDR 2017/745/EU (CE), GMP/QSR, ISO 13485:
2016/NS-EN ISO 13485:2016, Electrical Safety IEC 60601-1 Ed. 3.1 and EMC/EMI: FCC Class A and IEC 60601-1-2: Ed. 4 for Professional Healthcare Facilities

Readable Barcodes: Code 128, GS1-128, Data Matrix, UPC-A, UPC-E, EAN-13, EAN-8,
GS1 DataBar Family, Interleaved 2 of 5, ITF-14, Code 39, Code 32,
ISBT 128, QR Code

Writable Barcodes: Data Matrix, EAN-13/UPC-A

Exact NDC matching vial to syringe

Captures NDC of parenteral vial, providing 100% accurate documentation for charge capture and the exact NDC for 340B accountability

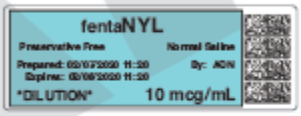


Prints full-color labels that comply with The Joint Commission NPSG.03.04.01*, and meet the intent of ISO 26825, ASTM 4774 Standards & ASA Guidelines

*Prints diluent and dilution if required

Shown with patient information when integrated with EMR/ADC

Shown with auxiliary barcode



60 mm x 22 mm standard size labels

Barcode for EHR/AIMS integration

SLS User Manual

Preface

Conventions Used in This Manual

Bulleted Lists

Bullets are used to display a list of nonprocedural items. For example:
The following events trigger a synchronization of SLS data to that stored on the SmartDrive:

- Automatically every 15 minutes
- Formulary updates

Numbered Steps

The  icon indicates the beginning of a procedure. The steps in a procedure are numbered. For example:

1. Open the front cover.
2. Press the Ink button.

Notes

Notes contain additional information related to a topic or procedure. For example:

NOTE: The system will ensure that a test print is performed at least once a day.

Cautions and Warnings

Cautions alert you to actions or situations that could cause harm to equipment or data.

For example:
Warnings alert you to actions or situations that could result in personal injury. For example:

Important Information and Filenames
Bold type is used for emphasis, user interface object names, and paths or filenames.

For example:

- The Barcode Scanner scans drug container barcodes for identity and verification.
- Use the controls to correct the date and time, then press the OK button.

Purpose and Scope

Refer to this User's Manual for procedures on how to perform Safe Label System (SLS) user operations, including:

- Setting up the hardware and software
- Performing basic functions such as logging in and out, and configuring some System settings (for example, sound volume, brightness)
- Printing and confirming syringe labels
- Checking drug syringes by scanning their barcodes
- Maintaining the system
- Monitoring system status and troubleshooting common problems

Product Information

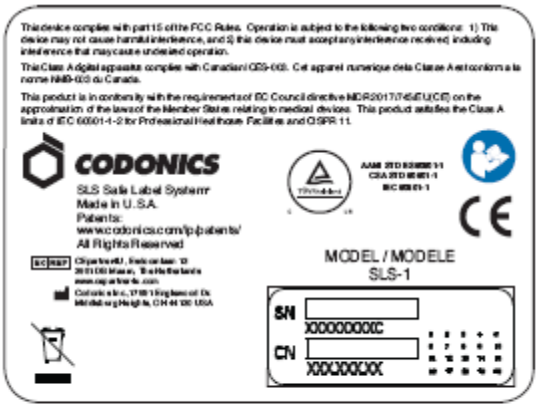
For technical assistance with SLS Point of Care Station, call Codonics Technical Support at the following number:
Phone: +1 440.243.1198
Toll Free: 800.444.1198 (USA only)
Technical Support is available 24/7/365. Technical Support is also available online via email and the Codonics web site:
Email: support@codonics.com
Web Sites: www.codonics.com
General product information can also be requested by sending email to:
Email: info@codonics.com
Please include your postal mailing address and telephone number in the email message. Basic product information is returned via email unless otherwise requested.

Warnings and Limitations of Use

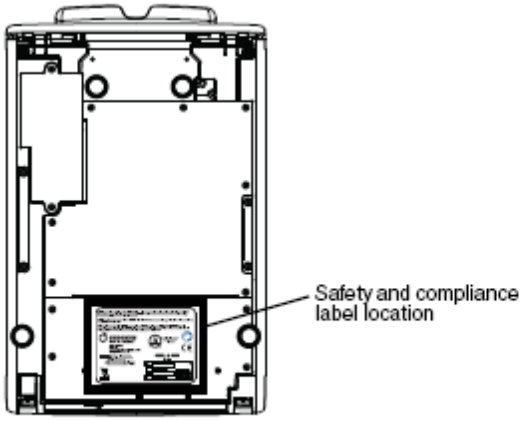
Location of Safety and Compliance Labels

Codonics is in compliance with various regulations.

The SLS PCS safety and compliance label, shown below, is located on the bottom of the device (shown on the following page).



SLS PCS safety and compliance label



SLS PCS safety and compliance label, on bottom of device

Voltage Warning

The exclamation point within a triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying this device.

REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. REMOVAL OF LABELS, COVERS, OR ENCASEMENT FASTENERS MAY VOID THE WARRANTY.
THIS APPARATUS MUST BE ELECTRICALLY GROUNDED.
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS DEVICE TO RAIN OR MOISTURE.

EQUIPMENT IS NOT TO BE USED AS A COMPONENT OF A LIFE SUPPORT SYSTEM.

Life support devices or systems are devices or systems that support or sustain life, and whose failure to perform can be reasonably expected to result in a significant injury or death to a person. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

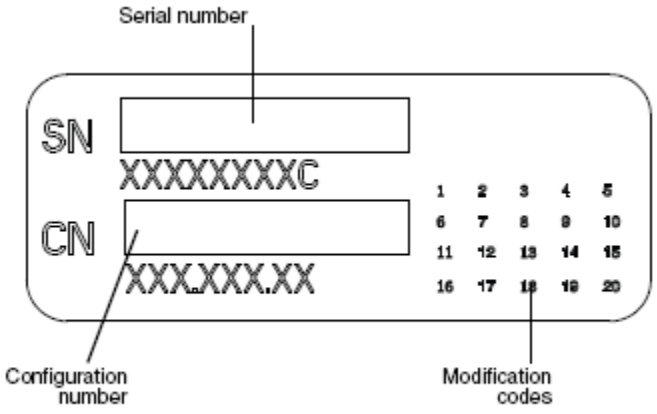
Laser Warning

WARNING This device emits CDRH/IEC Class 2 laser and IEC Class 1M light. Do not stare into beam.

Serial Number, Configuration, Date Code, and Modification Codes

The serial number label is placed onto the safety and compliance label.
The serial number label includes the following information:

- The serial number (SN), which uniquely identifies the unit.
- The configuration number (CN), which details the build configuration.
- The modifications codes, which are to the right of the CN number and are a series of 20 numbers. When any of these numbers are blocked out, that identifies a modification that was made to the unit.



Serial number label

Potential for Radio Frequency Interference on Device Operation

Both portable and mobile RF communications equipment can affect medical electrical equipment, including SLS PCS. SLS PCS is intended for use in the electromagnetic environment specified in the guidance and manufacturer's declaration section.

Potential for Radio and Television Interference

SLS PCS generates and uses radio frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with Class A emission limits for a computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operating in a commercial environment. SLS PCS is not intended for use in a residential Class A environment.
SLS PCS requires a medical power/ground. If your SLS does cause interference to radio or television reception, you are encouraged to try to correct the interference by one or more of the following measures:

Reorient the receiving antenna
Relocate SLS PCS with respect to the receiver

If necessary, you should consult Codonics Technical Support or an experienced radio/television technician for additional suggestions. You may find the following booklet prepared by the Federal Communications Commission helpful: *How to Identify and Resolve Radio-TV Interference Problems*. This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00345-4.

This product is in conformity with the protection requirements of EC Council directive MDR 2017/745/EU(CE) on the approximation of the laws of the Member States relating to medical devices. This product satisfies the Class A limits of IEC 60601-1-2 for Professional Healthcare Facilities and CISPR 11. A declaration of conformity with the requirements of the Directive has been signed by a Codonics vice president.

Guidance Regarding Electromagnetic Emissions and Immunity

Suitable environments are as follows:

SLS550i is intended for use in hospital and clinical environments including operating rooms and the perioperative environment.
SLS550i has not been evaluated for use near HF surgical equipment. If use near HF surgical equipment is desired, the user is responsible for verifying proper operation of the SLS550i. If SLS550i does not perform correctly in this environment, move the SLS550i farther from the source of the electromagnetic disturbance.
SLS550i has not been evaluated for use in emergency medical vehicles or in residential applications.

NOTE: The radio frequency emissions characteristics of this equipment make it suitable for use in industrial areas and hospitals (CISPR 11 class A). If it is used in a residential environment (for which CISPR 11 class B is normally required) this equipment might not offer adequate protection to radio-frequency communication services. The user might need to take mitigation measures, such as relocating or re-orienting the equipment.

As a support device, SLS550i does not provide essential performance.

WARNING Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

WARNING Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

WARNING Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the SLS550i, its cables, or accessories. Otherwise, degradation of the performance of this equipment could result.

Electromagnetic Emissions Standards and Test Level

Test/Standard	Compliance
RF Emissions CISPR 11	Group 1. Class A
RF Emissions FCC Part 15	Class A
Conducted Emissions CISPR 11	Group 1. Class A
Harmonic Distortion IEC 61000-3-2	Class A
Voltage Fluctuations and Flicker IEC 61000-3-3	Complies

Electromagnetic Immunity Standards and Test Levels

Test/Standard	Compliance
Electrostatic Discharge	+-8 kV contact
IEC 61000-4-2	+-2 kV, +-4 kV, +-8 kV, +-15 kV air
Radiated RF Immunity	3 V/m
IEC 61000-4-3	80 MHz – 2.7 GHz
	80% AM at 1 kHz
Proximity fields from RF wireless equipment	Complies
IEC 61000-4-3	

Test/Standard	Compliance
Electrical Fast Transient/Burst	AC Port: ± 2 kV, 100 kHz repetition frequency
IEC 61000-4-4	SIP/SOP Ports: ± 1 kV, 100 kHz repetition frequency
Surge	Line-to-Line: ± 0.5 kV, ± 1.0 kV
IEC 61000-4-5	Line-to-Ground: ± 0.5 kV, ± 1.0 kV, ± 2.0 kV
Conducted Immunity	AC Port and SIP/SOPs:
IEC 61000-4-6	3 V, 0.15 MHz – 80 MHz
	6 V, in ISM bands between 0.15 MHz and 80 MHz
	80% AM at 1 kHz
Magnetic Field Immunity	30 A/m, 50 Hz or 60 Hz
IEC 61000-4-8	
Voltage Dips	0% *UT*, 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°
IEC 61000-4-11	0% *UT*, 1 cycle AND 70% *UT*, 25/30 cycles, Single phase: at 0°
Voltage Interruptions	0% *UT*, 250/300 cycle
IEC 61000-4-11	

Safety Precautions

- **Never connect the device's external power supply to any outlet or power supply that has a voltage or frequency different than that specified (100 – 240 VAC, 50/60 Hz). Use only the external power supply provided with the device (Codonics part Number SLS-PS).**
- **When replacing the device, always power it down (refer to "Powering Off the System") and disconnect the AC power cord prior to servicing it.**
- **Damage to a power cord is a fire and shock hazard. When unplugging a power cord, hold it by the plug only and remove the plug carefully.**
- **If a power cord or external power supply needs to be replaced, replace it only with another Codonics power cord or Codonics external power supply. Alternatively, replace it with a power cord or external power supply manufactured specifically for your power configuration.**

- **If the device is smoking or making unusual sounds, power off and unplug the device immediately.**
- **Do not insert foreign objects of any kind into the device; doing so can constitute a safety hazard and cause extensive damage.**
- **Do not place any liquid containers on the device. If, for some reason, liquid seeps into the device, power off the device and unplug the power cord from the source outlet. If used without taking corrective measures, the device may be damaged.**
- **Do not expose the device to flammable gases in concentrations high enough to cause fire or explosion.**

Location Precautions

- **The operating ambient temperature range of SLS PCS is 15–30ºC (59–86ºF), with a relative humidity of 20%–80%.**
- **If SLS PCS is moved quickly from an extremely cold location to a warmer one, condensation is likely to form. Do not use SLS PCS if condensation has formed.**
- **Wait until the condensation has evaporated. You can speed up the evaporation time by moving SLS PCS to a dryer location.**
- **Do not place SLS PCS in a location with high humidity or high dust. Airborne dirt particles can cause print quality problems. Avoid placing SLS PCS in locations where ventilation ducts, open doors, or frequent passers-by might expose SLS PCS and labels to high levels of debris.**
- **Do not locate SLS PCS in hot-springs areas where hydrogen sulfide and acidic ions are likely to be generated.**
- **Do not locate SLS PCS where there are oily fumes and vapors.**
- **Do not locate SLS PCS in direct sunlight.**
- **Do not locate SLS PCS near sources of high RF energy.**
- **Do not locate SLS PCS where it might be subject to jarring or vibrations, such as a table or desk in a high-traffic area. Jarring and vibrations can affect the print quality of labels.**
- **If using a VESA mount to mount the device on a wall, stand, or anesthesia supply cart, refer to the VESA Mounting Interface Standard (MIS), available at www.vesa.org, for proper location and installation information.**

Cleaning Precautions

To avoid damage to the device, observe the following general precautions for cleaning the device:

- **Apply the cleaner to a clean, lint-free cloth first and then clean the device.**
- **Liquid applied directly to the device could possibly leak inside the device and cause damage. Use extra caution when cleaning around the vents on the back of the touchscreen and speaker.**
- **Allow the device to completely dry before operating it again.**
- **Many plastic components are used in SLS PCS construction. Coat flecking and deformation is likely to occur if the device is wiped with chemical dusters, benzene, thinners, insecticides, or other solvents. Rubber and PVC materials left in contact with**

SLS PCS for extended periods of time will cause damage. Never use petroleum-based solutions or abrasive cleansers.

- **Never use abrasive material.**
- **Always dilute cleaning agents according to the manufacturer's instructions, or use the lowest possible concentration.**
- **Do not allow the cleaning agent to remain on the device surfaces. Wipe it off immediately with a lint-free cloth moistened with water.**

For cleaning instructions, refer to "Cleaning the Enclosure".

It is recommended that you disinfect the product only when necessary as determined by your hospital's policy, to avoid long-term damage to the product.

The device must be cleaned first, as described in "Cleaning the Enclosure", before using a general disinfecting agent.

Cleaning the Enclosure

WARNING Always power off the system before cleaning. An electrical shock could occur if the system is powered on and liquid is spilled into it.

To clean the system's enclosure, use a clean, lint-free cloth moistened with either warm water and mild soap, a diluted non-caustic detergent, or one of the following approved cleaning agents:

Ammonia: Dilution of Ammonia <3%
Alcohol: Ethanol 70%, Isopropanol 70%.

- **Over time, ink overspray might gather at the base of the device. The device uses a vacuum system to gather most of this ink on a series of saturation pads.**
- **Eventually, these pads might need to be replaced. Contact Codonics Technical Support to determine if pad replacement is necessary.**
- **If ink has gotten onto the system's enclosure, it can be cleaned with an ammonia based window cleaner and a lint-free cloth.**
- **If scanning barcodes is inconsistent or the device is having difficulty scanning, clean the scanner's glass window.**

Disinfecting the Enclosure

Recommended disinfecting agents include:

1 part household bleach and 5 parts water solution
A-456-N

Virex II 256
PDI Sani-Cloth®

WARNING Codonics makes no claims regarding the efficacy of the listed chemicals or methods as a means of controlling infection. Consult your hospital's infection control officer or epidemiologist.

Disinfecting Precautions

To avoid damage to the device, observe the following general precautions for disinfecting the device:

- **Do not use Povodine, Sagrotan, or Mucocit disinfecting agents or strong solvents (for example, acetone).**
- **Do not use any disinfecting agents that corrode or damage polycarbonate.**

Media Precautions

- **Unwanted labels should be destroyed or disposed of to ensure that improper labels are not used.**
- **Only use Codonics ink cartridges and labels to ensure proper operation of the device and proper labeling of syringes. Using unapproved ink cartridges and labels could lead to unacceptable results, including poor print quality and poor label adhesion to syringes.**
- **Damage from unapproved ink or labels will void the warranty.**
- **Never refill ink cartridges, as this can result in incorrect color usage.**

Disposal Requirements

Disposal of this product and consumables shall be in accordance with all applicable laws and regulations in effect at the locality at the time of disposal. For additional information, refer Hazardous Material Information.

European Disposal Requirements

Codonics imagers and electronic accessory devices are not to be discarded or recycled; rather they are to be returned to the manufacturer. Contact Codonics directly or by the link provided for the latest information concerning:

Identification of the country-specific Importer/Distributor/Producer
Product return and treatment of our electronic products

Manufacturer: Codonics Inc.
17991 Englewood Drive
Middleburg Heights, OH 44130 USA
Phone: +1 440.243.1198
Fax: +1 440.243.1334
E-mail: WEEE@codonics.com

www.codonics.com

Codonics electronic products and accessories bearing the following symbol are subject to European Directive on Waste Electrical and Electronic Equipment (WEEE) 2002/96/EC, amended by Directive 2003/108/EC. The EN 50419 symbol indicates separate collection and return required.

EN 50419 symbol

Indications for Use

Device Description

Drug preparation and administration in the perioperative environment are integral aspects of anesthesiologist's patient care responsibilities. The Codonics Safe Label System (SLS) is a simple, integrated system utilizing a barcode scanner to read and confirm drug identity from FDA NDC (National Drug Code) and other drug ID Barcodes from drug containers and automatically print labels for prepared drugs and other items in use on patients during surgical procedures. The labels are compliant with national regulations focused on improving medication safety in the perioperative environment.

The software components provide functions for scanning container barcodes; creating, reviewing, and approving the hospital-managed promotion of a formulary database; displaying on-screen and audibly confirming drug type; and printing ISO, ASTM, and TJC (The Joint Commission) content- and color-compliant labels with 1D and/or 2D barcodes. The system reads drug container barcodes and produces water resistant, color labels. The system can be integrated to function with an Anesthesia Information Management System (AIMS) workflow to provide real-time documentation of drug administration when the syringe 1D or 2D barcode is read. The system can be accessed and managed via a network (Ethernet or Wi-Fi).

Device Characteristics

The use of drug class specific pattern and color per ASTM D4774 and ISO 28625 Specifications for User Applied Drug Labels in Anesthesiology is configurable by site and dataset. *Formularies* (datasets) are uniquely named configurations that may differ in drugs, colors, dilutions, and comments to accommodate different practices within a

single site or hospital (for example, pediatric versus cardiac).

Additional uses include producing labels for IVs and other artifacts used during a surgical procedure.

The Codonics SLS is generally placed in, however not limited to, the perioperative environment to identify syringes prepared for anesthesiology use during surgery.

Typical users of this system are trained professionals, including but not limited to physicians, nurses, and technicians.

The major characteristics and functions of the family of devices include:

- **Scanning the drug container barcode directly from a vial or other type of container**
- **Decoding the manufacturer-issued barcode into the required FDA National Drug Code (NDC) or Unique Drug Identifier (UDI) number**
- **Referring the NDC/UDI number to a site-managed formulary lookup database**
- **Providing audio and ISO-compliant visual "readback" of the drug name**
- **Providing an alert if the drug container is listed as "recalled/obsolete" in the site's formulary**
- **Printing an easy-to-read, water resistant ISO 26825 compliant color label meeting The Joint Commission medication management standards and the American Society of Anesthesiologists guidelines for labeling**
- **Providing the basic information by which the printed label barcode can be read to document medication administration in an AIMS**
- **Printing labels with insertion and expiration date and time for IV lines**

Device Indications for Use Statement: Prescription Use Device

The Codonics SLS PCS device and SLS software provides a simple computer-based barcode scanning and printing system to automatically verify drug identity from NDC and other drug container UDI barcodes, and to print labels for prepared drugs and other items in use on patients during surgical procedures.

The Codonics SLS PCS is generally placed in, however not limited to, the perioperative environment to identify syringes prepared for anesthesiology use during surgery. Additional uses include producing labels for IVs and other artifacts used during a surgical procedure. SLS PCS can also be used to print "non-surgical environment" color and text labels as required. Typical users of this system are trained professionals, including but not limited to physicians, nurses, and technicians.

CAUTION Federal law restricts this device to be sold for use by or on the order of a physician.

Hazardous Material Information

Materials of Construction

Codonics has set very stringent standards for evaluating products to ensure the marketing of regulatory compliant products worldwide.

We do not intentionally add, nor are we aware, that the products or packaging contain the following materials:

- **Mercury, except as used in lamp applications (for example, scanning lamps, backlit LCDs).**
- **Cadmium, except as used as thick film inks on printed circuit boards.**
- **Hexavalent Chromium, except as used as thick film inks on printed circuit boards, as chromate conversion coatings on metal surfaces, and as a photoresist on glass panels of cathode ray tubes.**
- **Polybrominated diphenyl ethers and polybrominated biphenyls.**
- **Bioavailable arsenic (small amounts of arsenic used in glass, LEDs, and semiconductors are not considered to be bioavailable).**
- **Bioavailable crystalline silica (small amounts of crystalline silica are used in Certain paints, coatings, and filler materials).**
- **Polychlorinated biphenyls (PCBs).**
- **Asbestos.**
- **Organic tin (not used in tin lead solder applications).**
- **Ozone-depleting substances such as chlorofluorocarbons, methyl chloroform, and carbon tetrachloride.**

Manufacturing

During manufacturing operations that produce Codonics products (including packaging), no ozone depleting substances (such as chlorofluorocarbons, methyl chloroform, and carbon tetrachloride) are used.

Specifications

System: Integrated capacitive touch screen computer, 2D barcode scanner, color ink jet printer, audio feedback, and provision for a network interface
Ink Cartridges: One color cartridge (CMY)
SmartDrive: USB flash drive for storing configuration data, formulary database, log files
Readable Barcodes: GS1 DataBar Limited (RSS Limited), GS1 DataBar Stacked (RSS-14 Stacked), GS1-128, UPC-A, Data Matrix, Code 128, Code 128 barcodes with GS1-128, Code 39, Code 32,
IFT-14, Interleaved 2 of 5, EAN-8, EAN-13
Writable Barcodes: Data Matrix
Network Interfaces: Ethernet (RJ-45), included standard
Wi-Fi (USB-2 adapter), optional, available from Codonics
Network Speeds: Ethernet, full duplex 100 Base-T only
Wi-Fi, 802.11 b/g/n (2.4 GHz) and 802.11 a/n/ac (5.0 GHz)
Network Protocols: SSH (Secure Shell) and SCP (Secure Copy)
Used to access SLS PCS from Codonics-authorized applications
Dimensions: Height: 16.5 in. (41.9 cm)

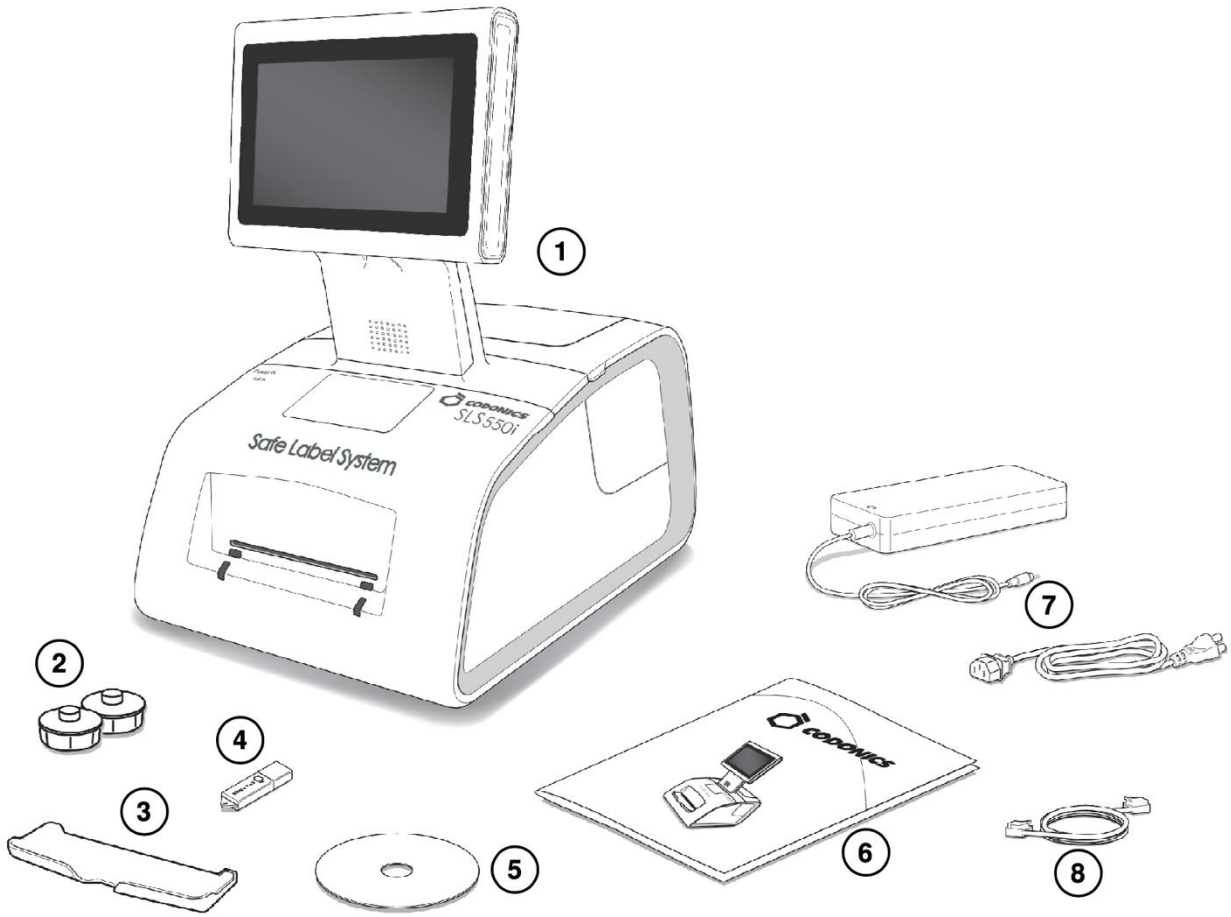
Width: 10.43 in. (26.5 cm)
Depth: 15.67 in. (39.8 cm)
Weight: 14.5 lbs (6.6 kg)

Power: Universal Input: 100-240 VAC, 50/60 Hz
Environmental: *Operating:*
Temperature: 15–30°C (59–86°F)
Humidity: 20%–80% noncondensing
Shipping and Storage:
Altitude: Sea Level to 5790 m
Temperature (Hardware): -22.2–51°C (-8–123.8°F)
Temperature (Ink Cartridge and Label Media): 1–43°C (34–110°F)
Humidity (Hardware): 5%–85% noncondensing
Humidity (Ink Cartridge and Label Media): 5%–80% noncondensing
Medical Compliance FDA cleared to market per 510(k) K101439 Class II, MDR CE (Class I), and Regulatory: GMP/QSR ISO 13485:2016, Safety IEC 60601-1 and EMC IEC 60601-1-2 for Professional Healthcare facilities
Classification: Class II equipment, Product Code BSZ, Regulation Number 868.5160

CAUTION Federal law restricts this device to be sold for use by or on the order of a physician

Components

Unpacked Components



1. Safe Label System

2. Label media hubs

3. Output bin

4. SmartDrive

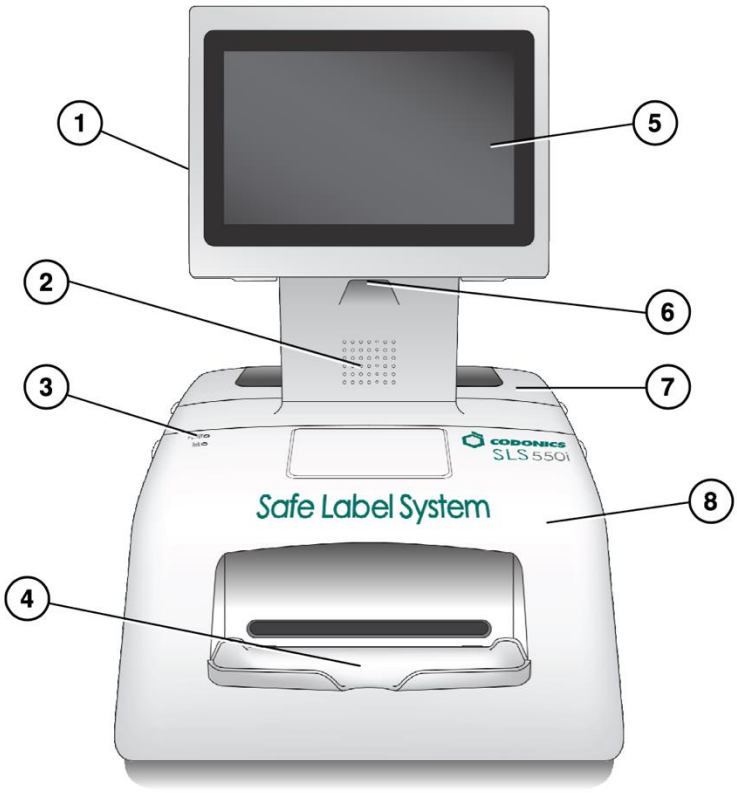
5. User's Manual disc

6. Reference guide and other documentation

7. External power supply and cord

8.Ethernet cable

Front Components



1. Touch screen USB port 1

2. Audio speaker

3. System power LED

4. Output bin (installed)

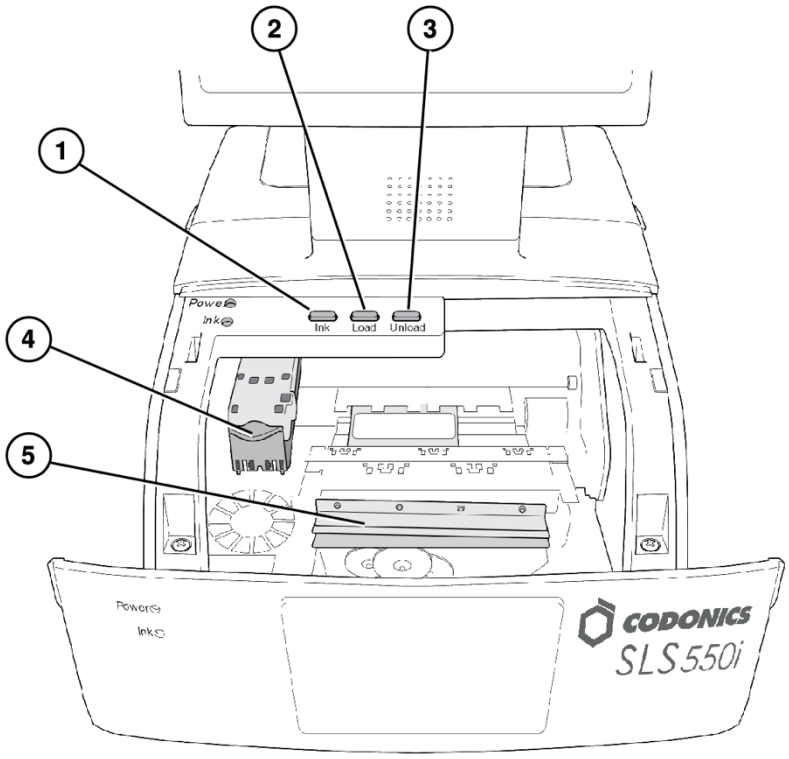
5. Touch screen

6. Barcode scanner

7. Rear cover

8. Front cover

Components Inside Front Cover



1. Ink button

2. Load button

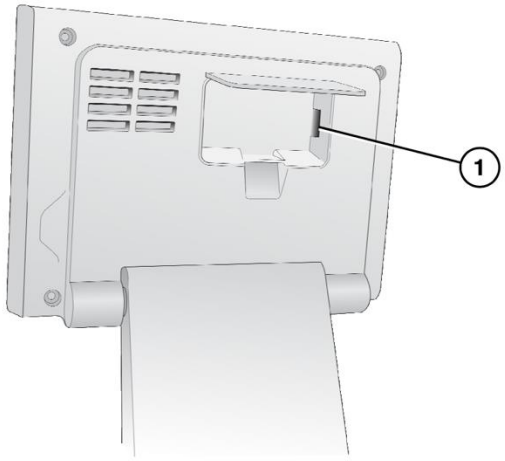
3. Unload button

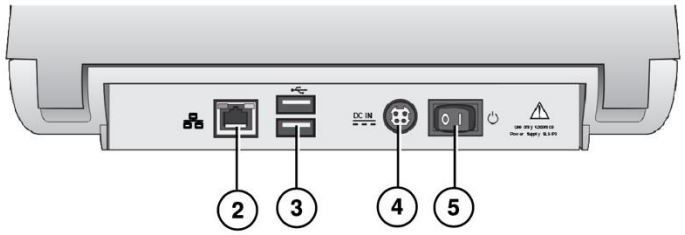
4. Ink cartridge carriage

5. Label cutter

WARNING: When the front cover is open, avoid contact with the label cutter.

Rear Components





1. SmartDrive USB port 2

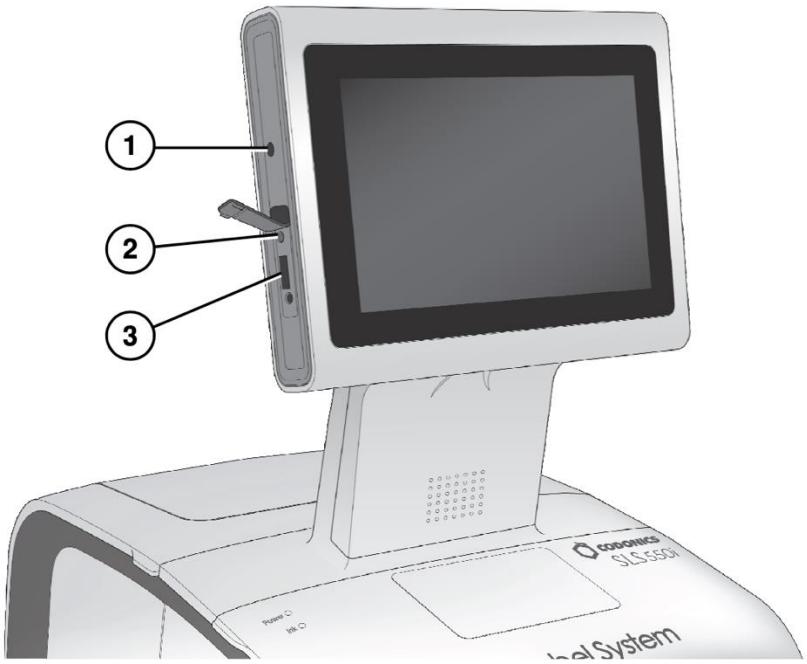
2. Ethernet port

3. USB ports

4. Power input port

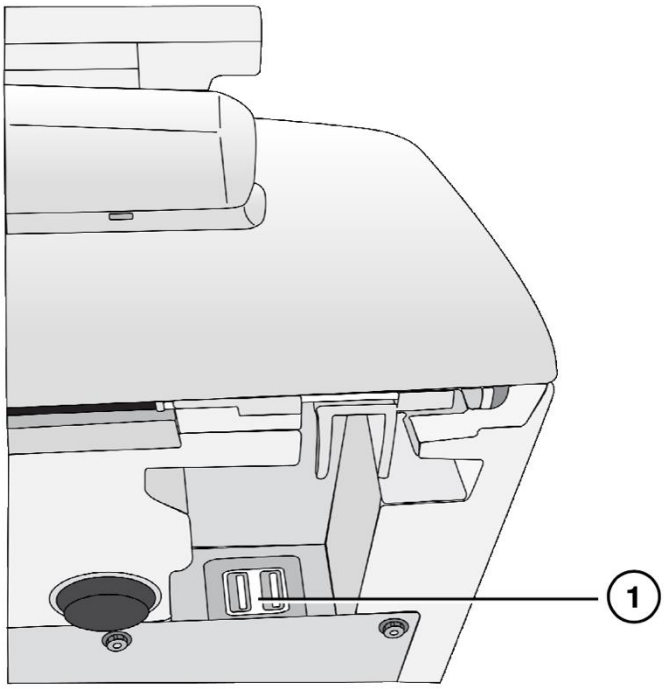
5. Power switch

Touch Screen Components



1. Power LED
2. Reset button
3. USB port

Wi-Fi Adapter USB Port



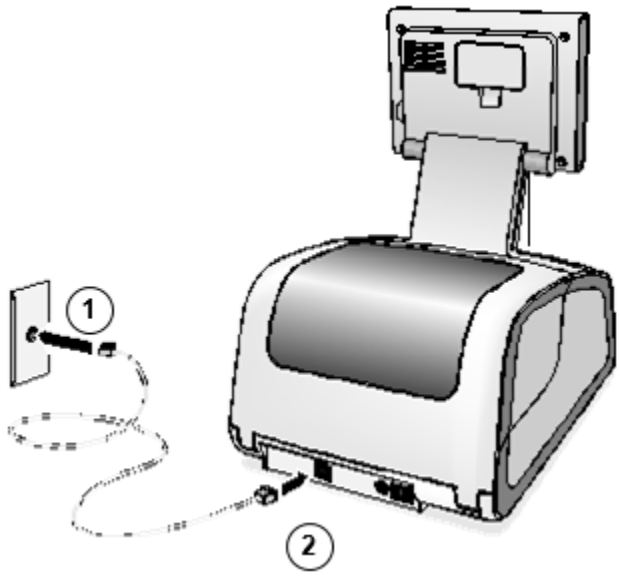
1. USB port for Wi-Fi adapter (bottom front right corner of the SLS

)

Hardware Setup

CAUTION: Only trained users should install and configure the system.

Ethernet Cable (Optional)

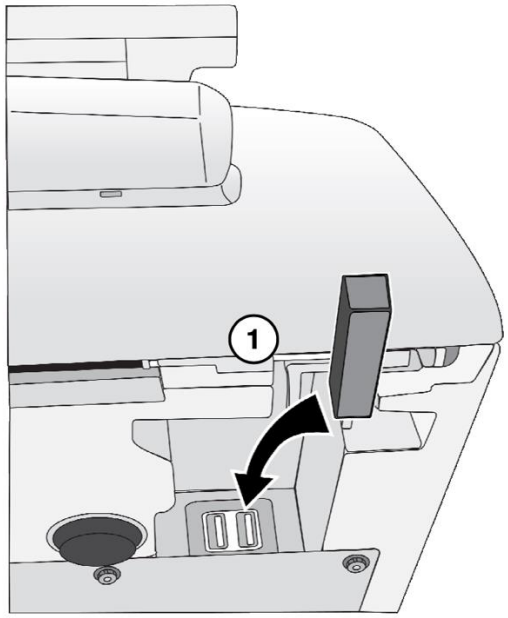


1. **Connect the Ethernet cable to a hub or outlet that is connected to the network.**
2. **Connect the other end of the Ethernet cable to the SLS.**

NOTE: For information about configuring SLS Ethernet network settings, refer to the SLS User's Manual v1.3.0.

CAUTION: The SLS supports only one network connection at a time, either Ethernet or Wi-Fi. Do not connect both an Ethernet cable and the Wi-Fi adapter at the same time.

Wi-Fi Adapter (Optional)



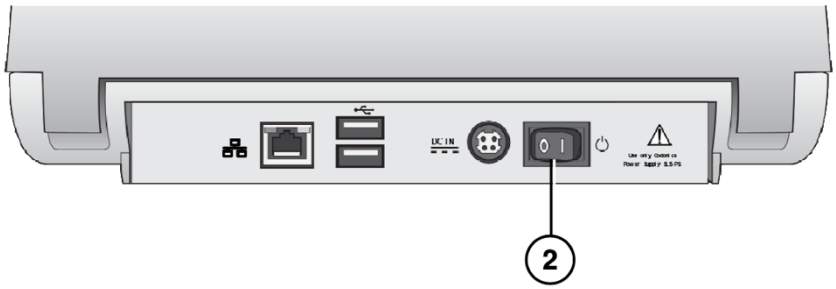
1. **Insert the Wi-Fi adapter into the USB port at the bottom front right corner of the SLS.**

NOTE: For information about configuring SLS Wi-Fi network settings, refer to the SLS User's Manual v1.3.0.

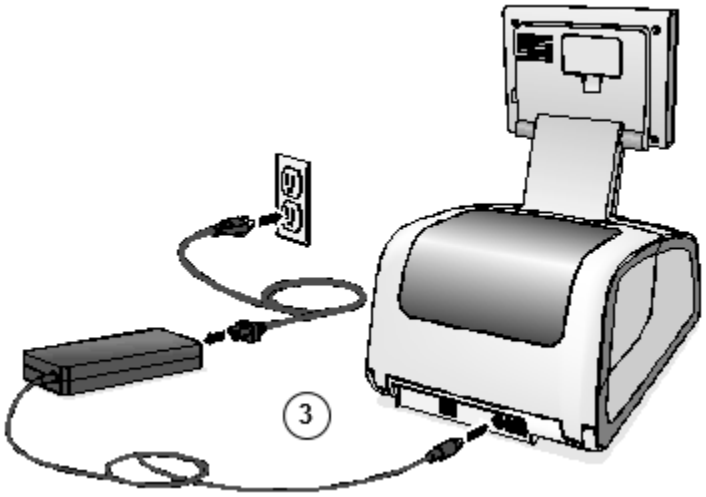
CAUTION: The SLS supports only one network connection at a time, either Ethernet or Wi-Fi. Do not connect both an Ethernet cable and the Wi-Fi adapter at the same time.

Power, SmartDrive

1. **Place the SLS on a solid level surface.**



2. Turn the Power switch to off.

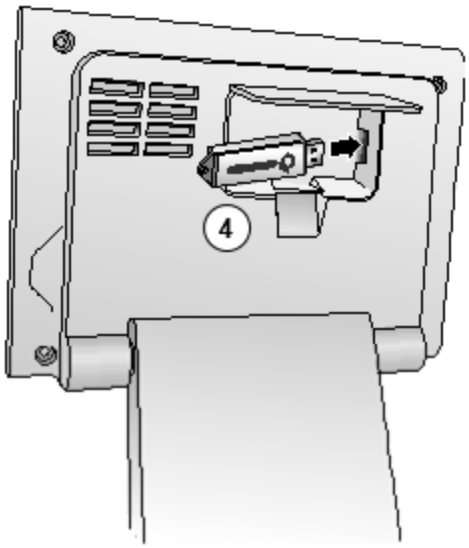


3. Connect the external power supply.

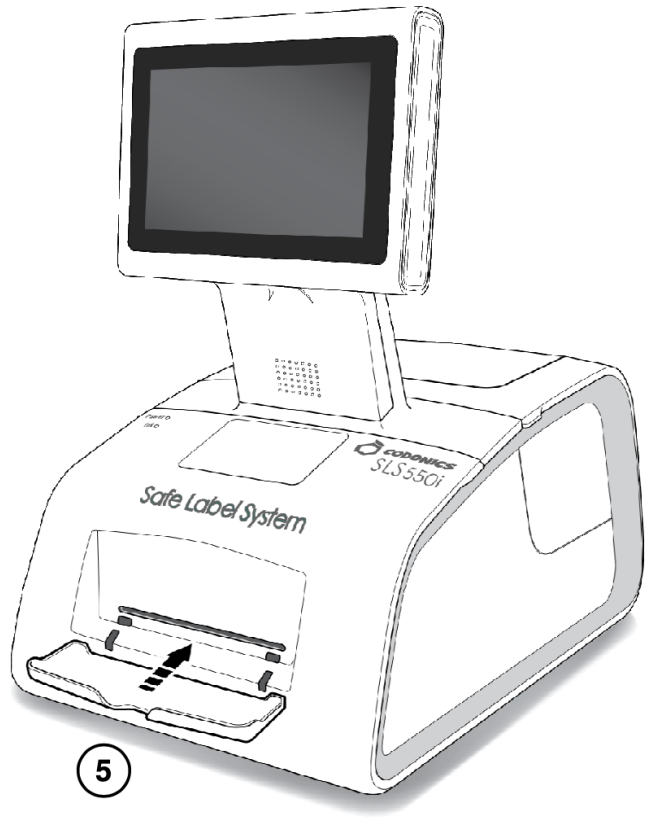
WARNING: The power cord connected to the SLS is the main disconnect for the system.

WARNING: Grounding reliability can be achieved only when the SLS is connected to a receptacle marked “Hospital Only” (that is, “Hospital Grade”).

WARNING: Do not touch a patient while also accessing SLS internal components that are under the access covers.

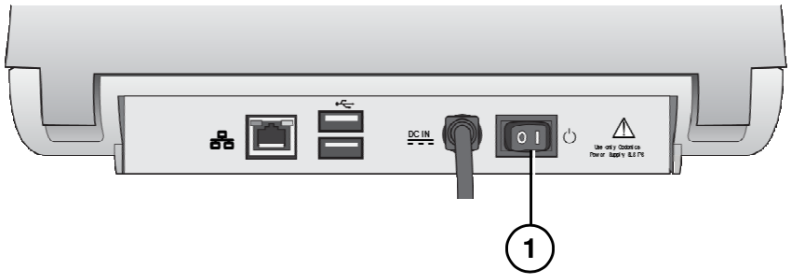


4. Insert the SmartDrive.

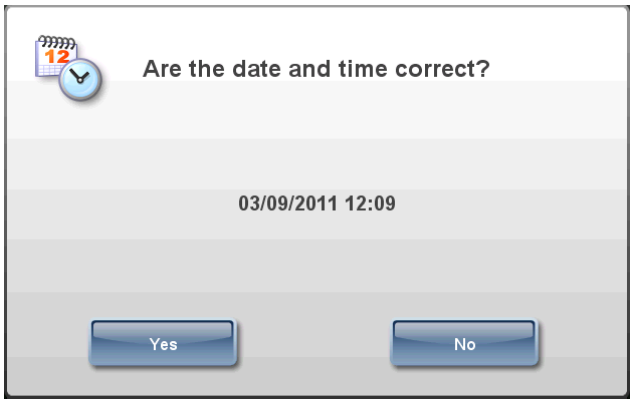


5. Insert the output bin.

Startup

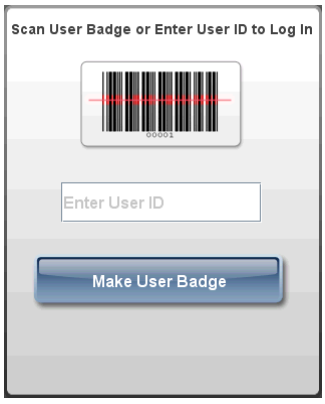


1. Turn on the Power switch.



2. Confirm or adjust the date and time.

3. The login prompt displays.



Loading Media

NOTE: Use only Codonics-supplied media.

To order media, contact Codonics Customer Service at:

Phone: +1.440.243.1198

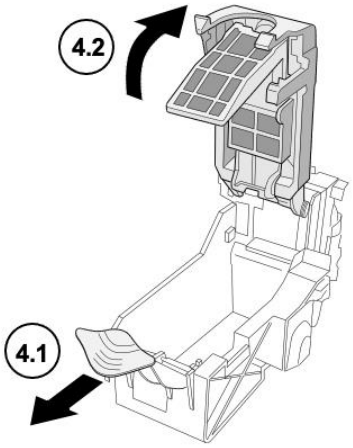
Fax: **+1.440.243.1334**
Toll Free: **800.444.1198 (USA only)**
Web Site: **www.codonics.com**

Installing the Ink Cartridge

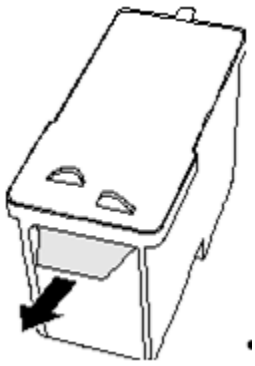
1. Open the front cover.

2. Press the Ink button.

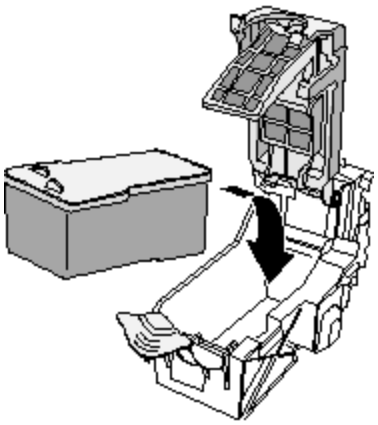
3. Wait for the ink cartridge carriage to finish moving.



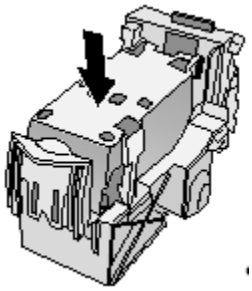
4. Open the ink cartridge carriage.



5. Remove the tape that covers the ink cartridge print head.



6. Install the ink cartridge.



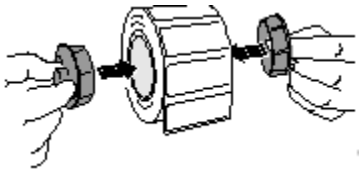
7. Close the ink cartridge carriage.

8. Press the Ink button.

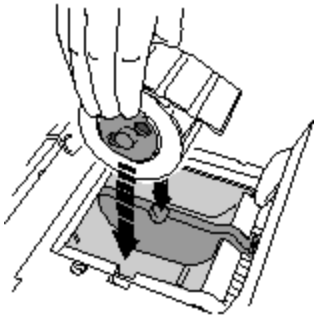
9. Close the front cover.

Loading Label Media

1. Open the rear cover.



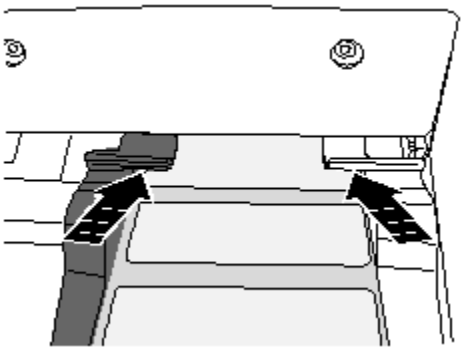
2. Insert the label media hubs.



3. Place the label media and hubs in the media guides.

4. Adjust the media guides. Label media should be secure but still able to turn freely.

5. Place the label media below the media guides and into the feeder slot.



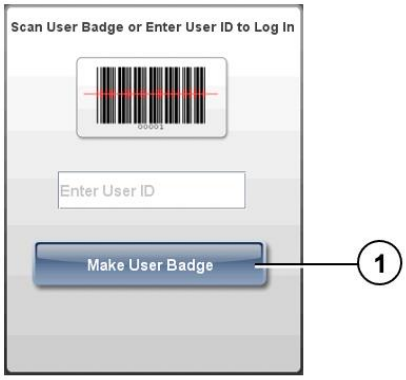
6. Feed the label media until the SLS automatically feeds it through the media path. You might need to hold the label media in place for a few seconds.

NOTE: If the SLS fails to feed the label media, open the front cover, press the Unload button, remove the media from the media path, wait until the media path rollers stop spinning, and try loading the media again.

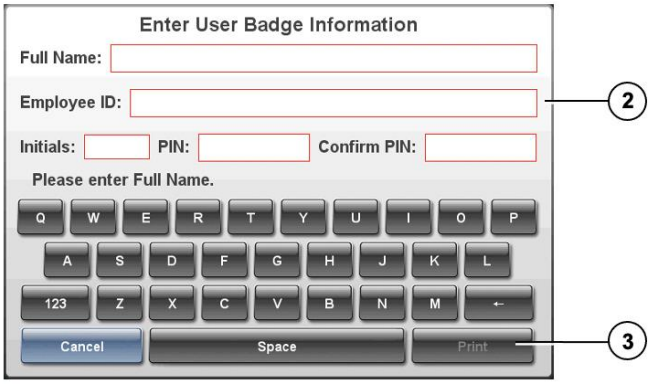
7. Close the rear cover.

Login

Making a User Badge



1. At the Login prompt, press the Make User Badge button.



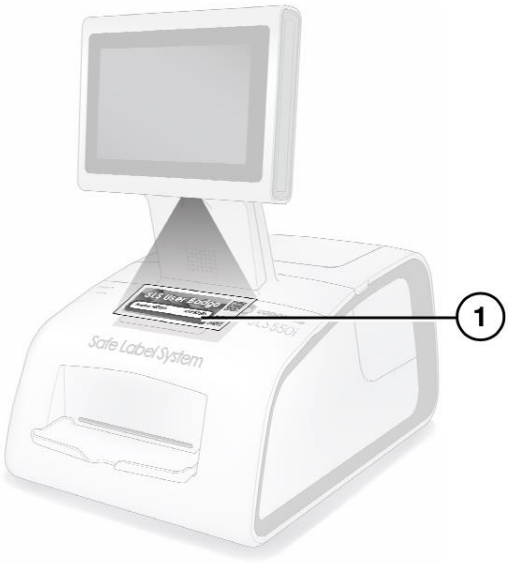
2. Enter your user information.

NOTE: The Employee ID must be unique among the SLS users.

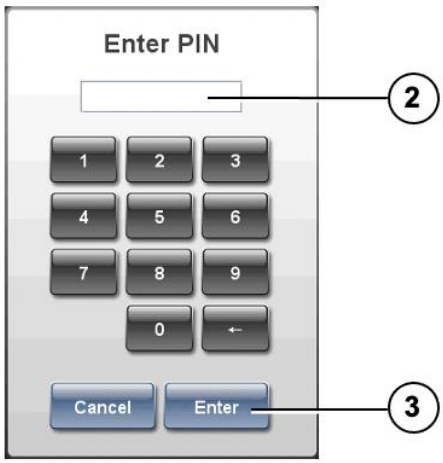
NOTE: The PIN can be up to ten digits long. If the system is not configured to require a PIN, then you will not be prompted to enter a PIN.

3. Press the Print button.

Logging In



1. At the Login prompt, scan your user badge barcode or manually enter your user ID.

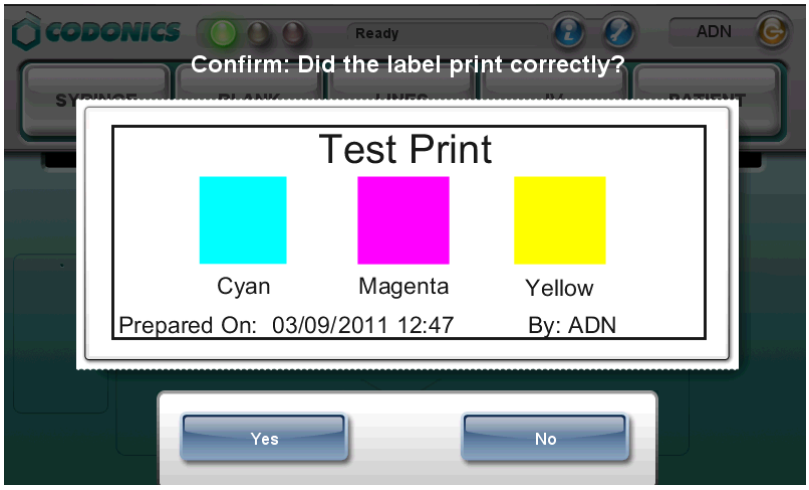


2. If the system is configured to require a PIN, enter your PIN.

NOTE: The PIN can be up to ten digits long.

3. Press the Enter button.

If a test label is printed, you are prompted to confirm that the test label printed correctly.

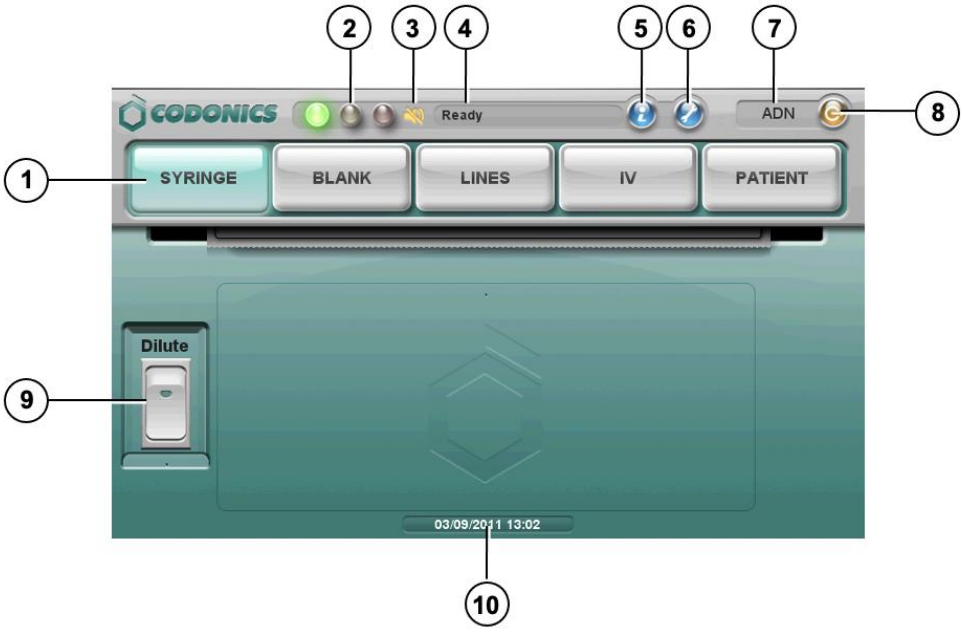


4. Inspect the test label.

5. If the test label printed correctly, press the Yes button. The system is ready for use.

If the test label did not print correctly, press the No button. Follow the on-screen instructions.

Touch Screen User Interface



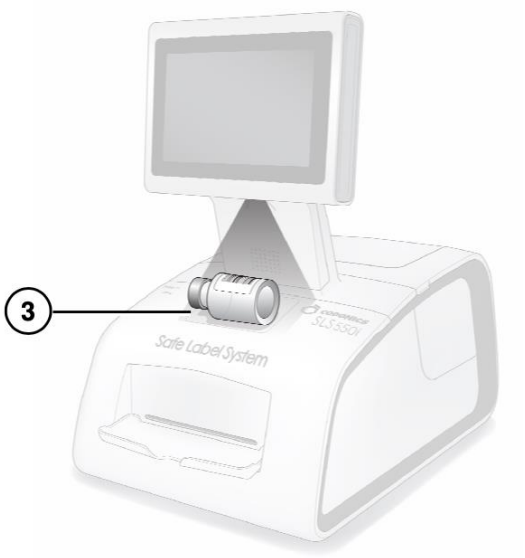
1. Label type buttons
2. LED status indicators
3. Volume Muted icon
4. System status message
5. System information button
6. Utilities button
7. User initials
8. Logout button
9. Dilute switch
10. Current date and time

Printing a Syringe Label — Basic Use

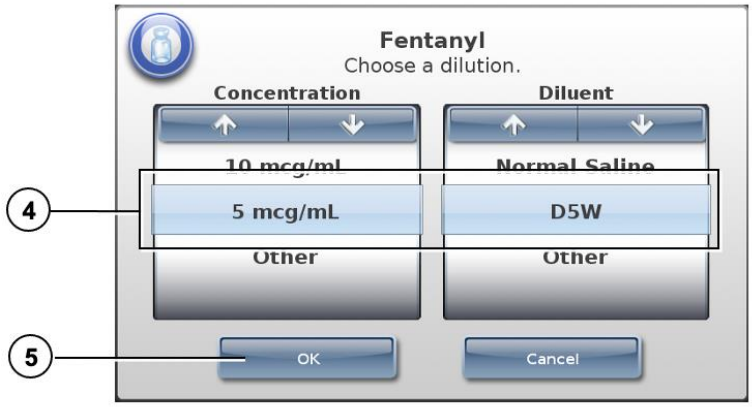
CAUTION: The formulary used on the SLS should be one that was created by the system administrator and approved for use.

1. Press the Syringe label button.

2. To include dilution information, press the Dilute switch to turn it on.



3. Scan the drug container barcode.



4. If the Choose a Dilution prompt displays, select a concentration and diluent.

WARNING: SLS users are responsible for calculating and selecting the correct concentration and diluent.

5. Press the OK button.

If the system is configured to require confirmation before printing the label, a confirmation prompt displays.

NOTE: The label confirmation prompt is displayed for safety reasons to ensure that the correct drug information is being printed.

6. Press the Print button to confirm and print the label.

7. Retrieve the printed label from the output bin.

If the system is configured to require confirmation after printing the label, a confirmation prompt displays.

NOTE: The label confirmation prompt is displayed for safety reasons to ensure that the label has been printed correctly.

8. **After reviewing the label and the screen display, perform one of the following steps:**

- **Scan the barcode on the printed label. If the barcode is correct, the system indicates this and the procedure is complete.**
- **If you can see that the label did not print correctly, press the No button. Follow the on-screen instructions.**
- **If you are not able to scan the barcode, press the Unable to Scan button. Follow the on-screen instructions.**

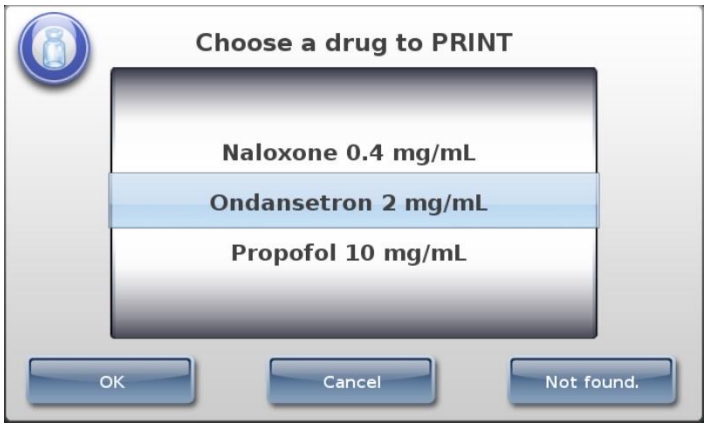
WARNING: To avoid mislabeling syringes, make sure that you immediately affix the correct label to the appropriate syringe.

WARNING: Incorrect syringe labels should be destroyed or disposed of to ensure that they are not used.

Printing a Syringe Label — Advanced Operations

Matching Container IDs

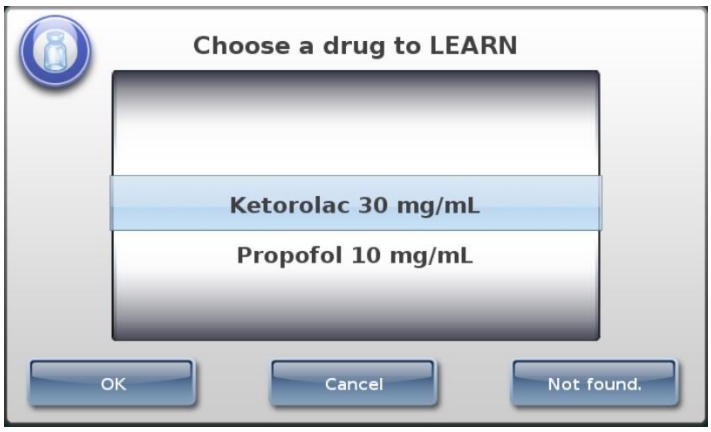
After scanning the drug container barcode, if there are multiple matching drugs with the same Container ID, they are displayed.



- **If the correct drug is displayed, select it and then press the OK button.**
- **If the correct drug is not displayed, press the Not Found button. The procedure ends. Contact your SLS system administrator or Codonics Technical Support (+1.440.243.1198).**
- **To cancel the operation, press the Cancel button.**

Mapped Master IDs (USA Only)

After scanning the drug container barcode, if the Container ID that was scanned can be mapped to more than one Master ID, those drugs are displayed.

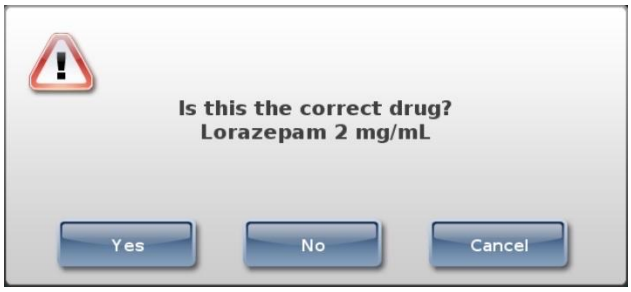


- **If the correct drug is displayed, select it and then press the OK button.**
- **If the correct drug is not found, press the Not Found button. The procedure ends. Contact your SLS system administrator or Codonics Technical Support (+1.440.243.1198).**
- **To cancel the operation, press the Cancel button.**

Drug Verification

If the drug has not been previously verified to ensure that the drug container information is the same as the drug information in the formulary, a verification prompt displays.

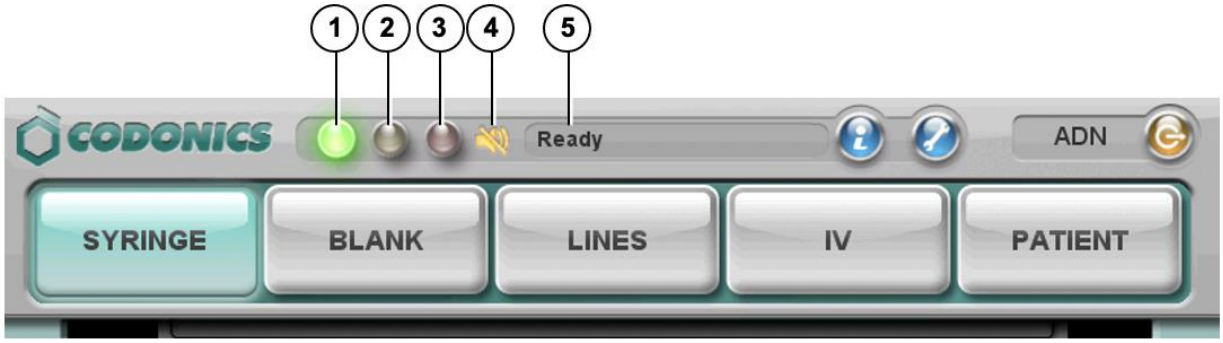
NOTE: The verification prompt only occurs once for each drug, when its container barcode is scanned for the first time.



- **If the drug information is correct, press the Yes button. You are prompted again to confirm that the drug information is correct.**
- **If the drug information is not correct, press the No button. You are prompted again to confirm that the drug information is incorrect.**
- **To cancel the operation, press the Cancel button.**

Monitoring Status

Dashboard Status Information



1. Normal: The system is ready to process or is processing a job (for example, printing).

2. Alert condition: The system can still process jobs but requires user attention (for example, low ink).

3. Critical or fault condition: The system might not be able to process jobs. The system requires immediate user attention (for example, out of label media).

4. Muted icon: Displays when the volume is muted.

5. Status messages.

System Information

1. Press the System Information icon.

2. Press the tabs to view additional information.

Maintenance

Displaying the Utilities Screen

1. **Press the Utilities button.**

   The Utilities screen displays. The buttons are described in the table below.

2. **To close the Utilities screen, press the Utilities button again.**

Clean Nozzles

Cleans the ink cartridge nozzles

Adjust Label

Allows you to adjust the label media path to ensure that label content is properly centered on the label.

Dark Print: Off / On

Sets dark printing of black text to off or on.

Print My Badge

Prints a user badge for the user who is currently logged in.

Calibrate Screen

Calibrates the touch screen.

Network

Allows you to configure the network settings.

Copy Logs

Copies system logs to a USB flash drive that is inserted in the touch screen USB port 1.

Clear Errors

Clears system errors. This setting should only be used by system administrators after the errors are carefully reviewed.

Manage Features

Allows you to add SLS features.

Adjusts the touch screen brightness.

Adjusts the audio volume.

Clearing a Label Jam

1. Remove your gloves.

2. Open the front and rear covers.

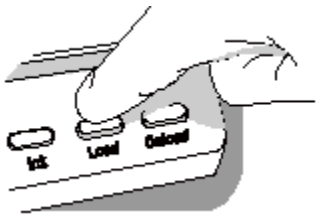
3. Identify the location of the jammed media and use the appropriate procedure below.

Clearing a Label Jam in the Front Media Guide

1. Gently remove the label media from under the front guide by pulling up the label media near the ink carriage.

CAUTION: Avoid peeling up a label in the media path. You might have to pull the media forward through the cutter to avoid peeling a label. If a label is peeled up in the media path, do not press the adhesive side of the label against the sheet metal guides.

2. Use scissors to cut the liner between two labels by the ink carriage to allow you to remove the jammed label media.



If required, press the Load button to advance the label media.

NOTE: Scissors are recommended for cutting the liner so that the label media will have a straight edge. The straight edge will make loading the label media easier.

3. **Gently remove the jammed portion of the label media.**

4. **Review the strip of labels. Make sure that you can account for all of the labels and that no labels are stuck in the front media guide. Discard the damaged label media.**

5. **If portions of the label media are still jammed in the media path, power off the system (refer to "Shutdown and Power Off"). Use non-metallic tweezers and carefully remove any additional label media from the media path.**

6. **Press the Unload button to reverse any portion of the label media that is still in the media path.**

7. **Inspect the label media. Use scissors to cut off any damaged labels.**

8. **Close the front cover, load the label media, and close the rear cover.**

Clearing a Label Jam in the Rear Media Guide

1. **Identify the location of the jammed media under the rear media guide.**

The rear media path can be exposed by using the thumb screws to remove the rear media guide cover.

2. **Use scissors to cut the liner between two labels by the ink carriage. This will reduce the number of labels being pulled back through the media path.**

3. **Gently remove the cut portion of the label media from the front media guide and discard it.**

4. **Use scissors to cut the liner between the jammed portion of the label media and the label media roll.**

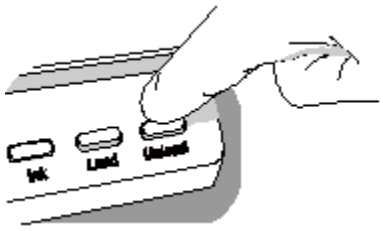
NOTE: Scissors are recommended for cutting the liner so that the label media will have a straight edge. The straight edge will make loading the label media easier.

5. **Gently remove the jammed portion of the label media.**

CAUTION: Avoid peeling up a label in the media path. If a label is peeled up in the media path, do not press the adhesive side of the label against the sheet metal guides.

6. **Review the strip of labels. Make sure that you can account for all of the labels and that no labels are stuck in the rear media guide. Discard the damaged label media.**

7. **If portions of the label media are still jammed in the media path, power off the system (refer to "Shutdown and Power Off"). Use non-metallic tweezers and carefully remove any additional label media from the media path.**



8. **Press the Unload button to reverse any portion of the label media that is still in the media path.**

9. **Inspect the label media. Use scissors to cut off any damaged labels.**

10. **Close the front cover, load the label media, and close the rear cover.**

Installing Update Packages

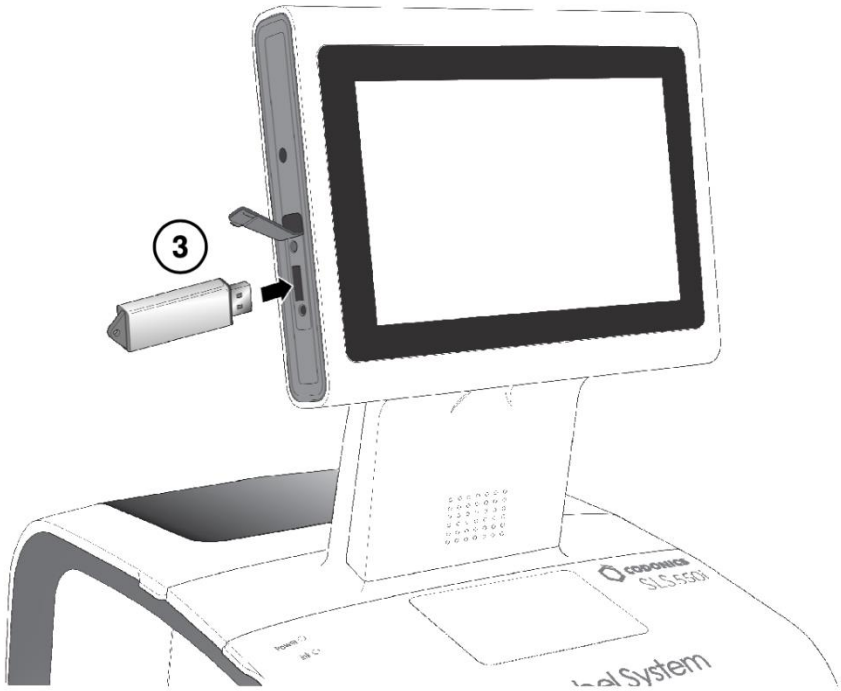
Use this procedure to manually install formulary update packages and configuration update packages.

NOTE: Formulary and configuration update packages can also be installed remotely using the Administration Tool. For more information, refer to the SLS Administration Tool User's Manual v1.3.0.

CAUTION: Installing system software should only be performed as directed by Codonics Technical Support. Do not attempt to install system software without the assistance of Codonics Technical Support.

1. **Log in.**

2. **Make sure that the SLS is not processing any print jobs or utilities.**



3. Insert the USB flash drive on which the update package or software is installed.

You are prompted to confirm the installation.

4. Press the Yes button to continue.

5. When the installation files have been copied, remove the USB flash drive.

When the installation is complete, the system restarts automatically.

CAUTION: The SLS customer is responsible for ensuring that the correct formulary and configuration packages are being installed on the SLS.

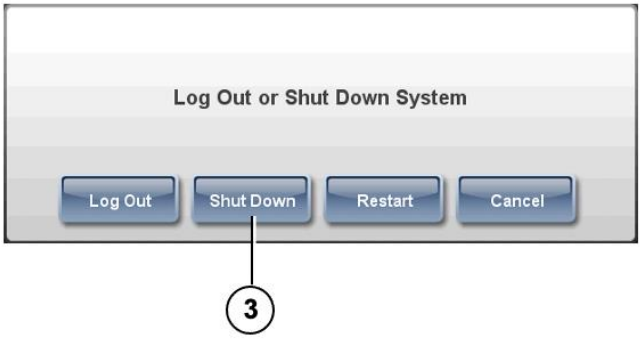
CAUTION: Practice standard information technology (IT) precautions to protect data associated with the formulary (for example, securing the content of the USB flash drive on which the formulary update package is stored).

CAUTION: The SLS customer is responsible for the accuracy of the data in the formulary, including drug data that has been copied from third-party drug databases.

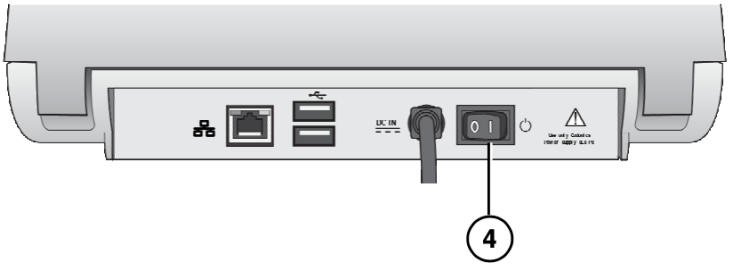
Shutdown and Power Off

1. Make sure all print jobs have completed.

2. Press the Log Out button.



3. Press the Shut Down button.



4. When shutdown is complete, turn off the Power switch.

Troubleshooting

Problem: Startup fails.

- **Check the external power supply and cables.**
- **Check the power switch on the rear panel.**
- **Verify that the SmartDrive is connected.**

Problem: System will not power on.

- **Replace the external power supply.**

Problem: Login fails.

- **Verify the user name.**
- **Verify the PIN.**
- **Verify that the user badge is correct and that its barcode quality is satisfactory.**

Problem: The touch screen does not respond properly when touched.

- **Run the Calibrate Screen utility.**

Problem: The formulary fails to load or is invalid.

- **A new formulary update package might have to be created and loaded. See your SLS system administrator.**

Problem: A drug container failed verification.

- **The drug might have to be added to or corrected in the formulary.**
- **Make sure that the barcode on the drug is of good quality.**
- **CAUTION: This is a serios issue. Notify your SLS system administrator.**

Problem: A test label or syringe label did not print correctly.

- **Discard the label and try again.**
- **If the label print quality is bad: Run the Clean Nozzles utility, Replace the ink cartridge, and Replace the label media.**
- **If the print is not aligned properly on the label, run the Adjust Label utility.**
- **If the wrong drug information is printed on the label, the drug might have to be corrected in the formulary. See your SLS system administrator.**
- **CAUTION: This is a serious issue. Notify your SLS system administrator.**

Problem: The barcode scanner is not scanning.

- **Make sure the barcode is correctly positioned. The red cross-hair should line up with the barcode and the container or syringe should be as close to the front cover as possible.**
- **Shutdown the system from the touch screen and then cycle power to the system.**
- **Make sure the quality of the barcode is good.**
- **Clean the scanner's glass window.**
- **The barcode symbology might not be supported. Contact Codonics Technical Support (+1 440.243.1198)**

Problem: The label media is jammed.

- **Clear the label jam. Refer to "Clearing a Label Jam".**

Problem: The SLS will not connect to the network.

- **Verify that the Ethernet cable or Wi-Fi adapter is connected.**
- **Verify that the SLS network settings are configured properly.**

NOTE: For additional troubleshooting issues, refer to the Safe Label System User's Manual.

Safe Label System®
Drug Labeling Solution

MT - Malti

Dokumentazzjoni Avviż
Dan dokument huwa parti ta ' il UE MDR rekwiżiti. Il Kodonika Sikur Tikketta Sistema® Prodott huwa a Apparat mediku tal-Klassi I maħsub għall-użu mill-Professjonisti tal-Kura tas-Saħħa. L-ippakkjar u t-tikkettar tal-prodott, inkluż l-Interface tal-Utent Grafiku (GUI) għat-tħaddim huma offruti bl-Ingliż u jissodisfaw l-MDR, l-Anness I, il-Kapitolu III, 23.4, filwaqt li jqisu t-taħriġ u l-għarfien tal-utent potenzjali.

Web informazzjoni, Ewlenin Speċifikazzjonijiet, Maħsub Użа, Utent Manwal Appendiċi, Malajr Ibda Gwida u Setup IFU (Istruzzjonijiet għal użu) huma disponibbli fi bażiku traduzzjoni għal Membru Stat Lingwi. Primarja IFU huma disponibbli fi Ingliż.

Codonics Prodotti huma Klassi Jien prodotti maħsuba għal użu minn Kura tas-saħħa Professjonisti. Prodotti ippakkjar u tikkettar, inkluż Grafika Utent Interface (GUI) għal operazzjoni huma Offruta fi Ingliż u tiltaqa MDR, Anness Jien, Kapitolu III, 23.4, tieħu kont il taħriġ u il għarfien ta ' il potenzjali utent.

* Web informazzjoni, Ewlenin Speċifikazzjonijiet, Maħsub Użа, Utent manwali Appendiċi, Malajr Ibda Gwida & Setup IFU huma disponibbli fi sempliċi traduzzjoni Membru Stat Lingwi; primarja IFU huma disponibbli fi Ingliż

Ħarsa ġenerali:
Kodonika Sikur Tikketta Sistema SLS 550i Point of Care Station (PCS) huwa l-istandard tal-kura fl-isptarijiet ewlenin fid-dinja. Apparat mediku tal-FDA Klassi II rebbieħ ta 'premju, is-sistema ttejjeb is-sigurtà u l-eżattezza tal-immaniġġjar tal-medikazzjoni u l-konformità tat-tikkettar kull fejn jiġu ppreparati l-mediċini. Fl-OR, l-SLS jintegra ma 'karretti għall-medikazzjoni ta' l-anestesija biex jidentifika b'mod elettroniku l-mediċina li hemm fl-idejn. Konferma viżwali u li tinstema 'bbażata fuq l-NDC tal-kunjett / ampulla tipprovdi lill-kliniċisti b'verifika ta' sigurtà f'ħin reali li taġixxi bħala t-tieni sett ta 'għajnejn, u tgħin biex telimina l-iżbalji ta' medikazzjoni l-aktar prevalenti. Fuq talba, SLS tipproduċi tikketta konformi mal-TJC lesta biex tapplika li tinkludi barcode li jaqbad l-NDC mill-kunjett parenterali għall-integrazzjoni fl-amministrazzjoni ma 'Epic u Cerner. Meta jintuża flimkien ma 'Codonics SLS-WAVE, dan proċess elettronikament dokumenti il pazjent rekord 'Idejn ħielsa' għal ittejjeb ħlas qbid, kontijiet eżattezza u 340B konformità, ħolqien standardizzazzjoni u abilitanti BCMA fi il JEW.

Safe Label System:
Tintegra ma ' eżistenti flussi tax-xogħol, żżid TJC konformità u spiżerija sorveljanza fi kull lokazzjoni fejn fuq talba mediċini huma ippreparat, tali kif il JEW, ICU, PACU, pazjent sulari u spiżerija

Jipprovdi kliniċisti ma ' elettroniku medikazzjoni sigurtà kontrolli waqt jiżdied produttività

Tippermetti approvat fl-isptar drogi, dilwenti, konċentrazzjonijiet, u totali doża / total volum preparazzjonijiet għal tkun integrat ma ' mad-dinja kollha rikonoxxuti l-aħjar prattiċi u internazzjonali standards fi a formularju ġestiti minn spiżerija u disponibbli fi il ponot subgħajk ta ' xi ħadd
tipprepara mediċini

Qbid il eżatt NDC ta ' il parenterali kunjett u iġorr dan għal il ippreparat tikketta għal jipprovdu 100% preċiż dokumentazzjoni għal ħlas qbid u 340B responsabbiltà

Jista ' tkun ġestiti mill-bogħod inkluż softwer aġġornamenti u jipprovdi status feedback għal speċifikat utenti permezz il Amministrazzjoni Għodda u Email Notifikatur (mhux obbligatorju)

Meta użat fi konġunzjoni ma ' SLS-WAVE, il komplut soluzzjoni jippermetti 'Idejn ħielsa' integrazzjoni ma ' Epika u Cerner għal timmassimizza dħul, ittejjeb pazjent riżultati u kliniku fluss tax-xogħol minn tnaqqis manwali klikks

Ittejjeb Pazjent Sigurtà

Żbalji fi preparazzjoni u għażla kif tajjeb kif dokumentazzjoni ineżattezzi iseħħu għal a numru ta ' raġunijiet. Multipli distrazzjonijiet, fqir kalligrafija u jixbhu / ħoss simili drogi bil-kbir tikkontribwixxi għal il potenzjali għal medikazzjoni żbalji. SLS tħaddan il sejħa għal ittejjeb pazjent u medikazzjoni sigurtà minn:

Inaqqas il l-aktar komuni droga żbalji magħmula waqt il għażla, preparazzjoni u amministrazzjoni ta ' injettabbli u ġol-vina mediċini fi il JEW, inkluż kunjett / ampulla tpartit, tikkettar ħażin / illeġibbli tikkettar, siringa tpartit u skada siringi

Jiltaqa ' il ISMP u APSF rakkomandazzjonijiet dak kull anestetizzanti lokazzjoni għandu jkollhom a mekkaniżmu għal identifika mediċini qabel tpinġija minnhom sa jew amministrazzjoni minnhom (barcode qarrej)

Awtomatikament jippreżenta kliniċisti ma ' viżwali u jinstema ' konfermi ta ' kull wieħed droga u konċentrazzjoni, li jinkorporaw elettroniku sigurtà kontrolli għal neħħi il element ta ' bniedem żball

Speċifikazzjonijiet

Sistema: Integrat tmiss iskrin kompjuter, 2D barcode skaner, kulur linka ġett stampatur, awdjo feedback u netwerk kapaċi (Ethernet standard, Wifi mhux obbligatorju)

Qawwa: Universali Input: 100-240 VAC, 50/60 Hz

Dimensjonijiet: 10.43 " (26.5 cm) W, 15.67 " (39.8 cm) D, 16.50 " (41.9 cm) H

Piż: 14.5 lbs. (6.6kg)

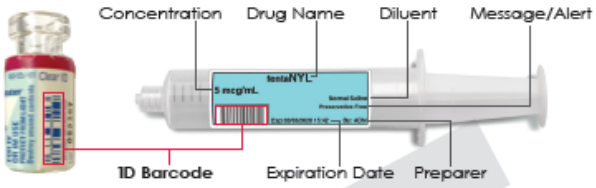
Regolatorju: Sħiħ mediku apparat konformità inkluż Klassi 2 FDA u Klassi Jien MDR 2017/745 / UE (CE), GMP / QSR, ISO 13485:
2016 / NS-EN ISO 13485: 2016, Elettriku Sigurtà IEC 60601-1 Ed. 3.1 u EMC / EMI: FCC Klassi A u IEC 60601-1-2: Ed. 4 għal Professjonali Kura tas-saħħa Faċilitajiet

Li tinqara Barcodes: Kodiċi 128, GS1-128, Dejta Matriċi, UPC-A, UPC-E, EAN-13, EAN-8,
GS1 DataBar Familja, Interleaved 2 ta ' 5, ITF-14, Kodiċi 39, Kodiċi 32,
ISBT 128, QR Kodiċi

Kiteb Barcodes: Dejta Matriċi, EAN-13 / UPC-A

Exact NDC matching vial to syringe

Captures NDC of parenteral vial, providing 100% accurate documentation for charge capture and the exact NDC for 340B accountability

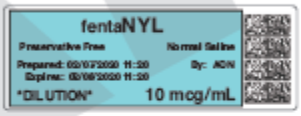


Prints full-color labels that comply with The Joint Commission NPSG.03.04.01*, and meet the intent of ISO 26825, ASTM 4774 Standards & ASA Guidelines

*Prints diluent and dilution if required

Shown with patient information when integrated with EMR/ADC

Shown with auxiliary barcode



60 mm x 22 mm standard size labels

Barcode for EHR/AIMS integration

SLS Utent Manwal

Daħla

Konvenzjonijiet Użat fi Dan Manwal

Bulleted Listi

Balal huma użat għal wiri a lista ta ' mhux proċedurali oġġetti. Għal eżempju:
Il wara avvenimenti grillu a sinkronizzazzjoni ta ' SLS dejta għal dak maħżuna fuq il SmartDrive:

- Awtomatikament kull 15 minuti
- Formularju aġġornamenti

Numerat Passi

Il  ikona tindika il bidu ta ' a proċedura. Il passi fi a proċedura huma innumerati. Għal eżempju:

1. Miftuħa il quddiem għata.
2. Agħfas il Linka buttuna.

Noti

Noti fihom addizzjonali informazzjoni relatati għal a suġġett jew proċedura. Għal eżempju:

NOTA: Il sistema se tiżgura dak a test jistampa huwa mwettqa fi l-inqas darba a jum.

Prekawzjonijiet u Twissijiet

Prekawzjonijiet twissija int għal azzjonijiet jew sitwazzjonijiet dak setgħet kawża ħsara għal tagħmir jew dejta.

Għal eżempju:
Twissijiet twissija int għal azzjonijiet jew sitwazzjonijiet dak setgħet riżultat fi personali korriment. Għal
eżempju:

Importanti Informazzjoni u Ismijiet tal-fajls
Bold tip huwa użat għal enfasi, utent interface oġġett ismijiet, u mogħdijiet jew ismijiet tal-fajls.

Għal eżempju:

- Il Barcode Skaner skans droga kontenitur barcodes għal identità u verifika.

Uża il kontrolli għal korretta il data u ħin, imbagħad agħfas il kollox sew buttuna.

Għan u Ambitu

Irreferi għal dan Tal-Utent Manwal għal proċeduri fuq kif għal iwettaq Safe Label System (SLS) utent operazzjonijiet, inklużi:

Twaqqif sa il ħardwer u softwer
Jwettaq bażiku funzjonijiet tali kif qtugħ fi u barra, u konfigurazzjoni xi wħud
System settings (għal eżempju, ħoss volum, luminożità)
Stampar u tikkonferma siringa tikketti
Iċċekkjar droga siringi minn skannjar tagħhom barcodes
Iż-żamma il sistema
Monitoraġġ sistema status u issolvi l-problemi komuni problemi

Prodott Informazzjoni

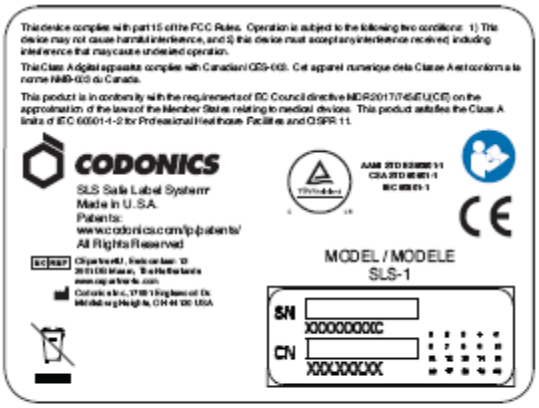
Għal tekniku għajnuna ma ' SLS Punt ta ' Kura Stazzjon, sejħa Codonics Tekniku Appoġġ fi il wara numru:
Telefon: +1 440.243.1198
Pedaġġ Ħielsa: 800.444.1198 (L-ISTATI UNITI biss)
Tekniku Appoġġ huwa disponibbli 24/7/365. Tekniku Appoġġ huwa ukoll disponibbli online permezz
email u il Codonics web sit:
Email: support@codonics.com
Web Siti: www.codonics.com
Ġenerali prodott informazzjoni jista ' ukoll tkun mitluba minn tibgħat email lil:
Email: info@codonics.com
Jekk jogħġbok jinkludu tiegħek postali posta indirizz u telefon numru fi il email messaġġ.
Bażiku prodott informazzjoni huwa lura permezz email sakemm inkella mitluba.

Twissijiet u Limitazzjonijiet ta ' Uża

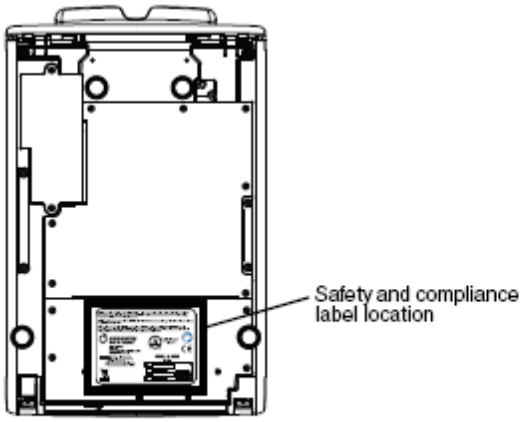
Post ta ' Sigurtà u Konformità Tikketti

Codonics huwa fi konformità ma ' varji regolamenti.

Il SLS PCS sigurtà u konformità tikketta, murija hawn taħt, huwa jinsabu fuq il qiegħ ta ' il apparat (muri fuq il wara paġna).



SLS PCS safety and compliance label



SLS PCS safety and compliance label, on bottom of device

vultaġġ Twissija

Il exclamation punt ġewwa a trijanglu huwa maħsuba għal twissija il utent għal il preżenza ta ' importanti joperaw u manutenzjoni (manutenzjoni) istruzzjonijiet fi il letteratura akkumpanjament dan apparat.

REFERENZA SERVIZZ LE KWALIFIKAT SERVIZZ PERSONAL. TNEĦĦIJA OF TIKKETTI,
KOPERTURI, JEW KAXXA Qafliet MEJJU VOID IL GARANZIJA.
DAN APPARAT GĦANDU BE ELETTRIKAMENT MALTA.
LE PREVENI NAR JEW XOKK PERIKLU, DO MHUX JESPONU DAN MEZZ LE XITA JEW
UMDITÀ.

TAGĦMIR IS MHUX LE BE UŻAT KIF A KOMPONENT OF A ĦAJJA APPOĠĠ SISTEMA.
Ħajja appoġġ apparat jew sistemi huma apparat jew sistemi dak appoġġ jew issostni ħajja, u li falliment għal iwettaq jista ' tkun raġonevolment mistennija għal riżultat fi a sinifikanti korriment jew
mewt għal a persuna. A kritiku komponent huwa kwalunkwe komponent ta ' a ħajja appoġġ apparat jew
sistema li falliment għal iwettaq jista ' tkun raġonevolment mistennija għal kawża il falliment ta ' il
ħajja appoġġ apparat jew sistema, jew għal jaffettwaw tagħha sigurtà jew effettività.

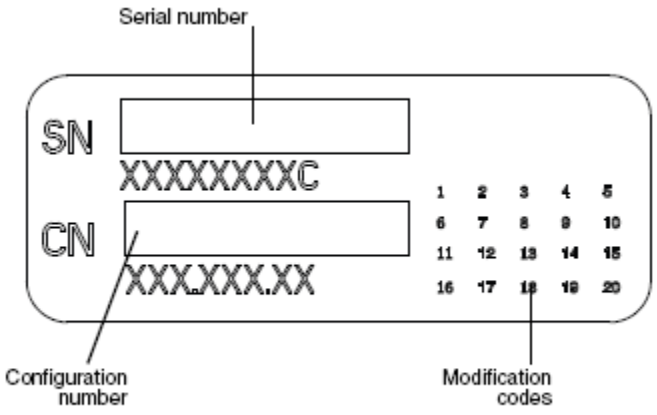
Laser Twissija

TWISSIJA Dan apparat jarmi CDRH / IEC Klassi 2 laser u IEC Klassi 1M dawl. Agħmel mhux ħares ġo raġġ.

Serjali Numru, Konfigurazzjoni, Data Kodiċi, u Modifika Kodiċijiet

Il serjali numru tikketta huwa mqiegħda fuq il sigurtà u konformità tikketta.
Il serjali numru tikketta tinkludi il wara informazzjoni:

- Il serjali numru (SN), liema unikament jidentifika il unità.
- Il konfigurazzjoni numru (CN), liema dettalji il tibni konfigurazzjoni.
- Il modifiki kodiċi, liema huma għal il dritt ta ' il NM numru u huma a serje ta ' 20 numri. Meta kwalunkwe ta ' dawn numri huma imblukkata barra, dak identifikat a modifika dak kien magħmula għal il unità.



Serial number label

Potenzjal għal Radju Frekwenza Interferenza fuq Apparat Operazzjoni

It-tnejn portabbli u mobbli RF komunikazzjonijiet tagħmir jista ' jaffettwaw mediku elettriku tagħmir, inkluż SLS PCS. SLS PCS huwa maħsuba għal użu fi il elettromanjetika ambjent speċifikat fi il gwida u manifattur dikjarazzjoni taqsima.

Potenzjal għal Radju u Televiżjoni Interferenza

SLS PCS jiġġenera u użi radju frekwenza enerġija, u jekk mhux installat u użat kif suppost, dak huwa, fi stretta konformità ma ' il manifattur istruzzjonijiet, jista ' kawża interferenza għal radju u televiżjoni akkoljenza. Huwa għandu kien tip ittestjat u misjuba għal jikkonformaw ma ' Klassi A emissjoni limiti għal a kompjuters apparat fi konformità ma ' il speċifikazzjonijiet fi Subparti J ta ' Parti 15 ta ' FCC Regoli, liema huma ddisinjat għal jipprovdu raġonevoli protezzjoni kontra tali interferenza meta joperaw fi a kummerċjali ambjent. SLS PCS huwa mhux maħsuba għal użu fi a residenzjali Klassi A ambjent.
SLS PCS teħtieġ a mediku qawwa / art. Jekk tiegħek SLS ma kawża interferenza għal radju jew televiżjoni akkoljenza, int huma imħeġġeġ għal Ipprova għal korretta il interferenza minn waħda jew aktar ta ' il wara miżuri:

- Orjentat mill-ġdid il jirċievi antenna
- Irriloka SLS PCS ma ' rispett għal il riċevitur

Jekk meħtieġ, int għandu ikkonsulta Codonics Tekniku Appoġġ jew an esperjenza radju / televiżjoni tekniku għal addizzjonali suġġerimenti. Int jista ' sib il wara ktejjeb ippreparat minn il Federali Komunikazzjonijiet Kummissjoni utli: *Kif għal Identifika u Issolvi Radju-TV Interferenza Problemi*. Dan ktejjeb huwa disponibbli minn il U.S. Gvern Stampar Uffiċċju, Washington, D.C. 20402, Stokk Le 004-000-00345-4.

Dan prodott huwa fi konformità ma ' il protezzjoni rekwiżiti ta ' KE Kunsill direttiva MDR 2017/745 / UE (CE) dwar l-approssimazzjoni tal-liġijiet tal-Istati Membri relatati mal-apparat mediku. Dan il-prodott jissodisfa l-limiti tal-Klassi A ta 'IEC 60601-1-2 għal Faċilitajiet ta' Kura tas-Saħħa Professjonali u CISPR 11. Dikjarazzjoni ta 'konformità mar-rekwiżiti tad-Direttiva ġiet iffirmata minnCodonics viċi president.

Gwida Rigward Elettromanjetiku Emissjonijiet u Immunità

Adattat ambjenti huma kif ġej:

- SLS550i huwa maħsuba għal użu fi l-isptar u kliniku ambjenti inkluż joperaw kmamar u il perioperattiv ambjent.
- SLS550i għandu mhux kien evalwati għal użu qrib HF kirurġiċi tagħmir. Jekk użu qrib HF

kirurġiċi tagħmir huwa mixtieq, il utent huwa responsabbli għal verifika xieraq operazzjoni

ta ' il SLS550i. Jekk SLS550i ma mhux iwettaq sewwa fi dan ambjent, imxi il

SLS550i iktar 'il bogħod minn il sors ta ' il elettromanjetika disturb.

SLS550i għandu mhux kien evalwati għal użu fi emerġenza mediku vetturi jew fi residenzjali

aapplikazzjonijiet.

NOTA: Il-karatteristiċi tal-emissjonijiet tal-frekwenza tar-radju ta 'dan it-tagħmir jagħmluh adattat għall-użu f'żoni industrijali u sptarijiet (CISPR 11 klassi A). Jekk jintuża f'ambjent residenzjali (li għalih CISPR 11 klassi B hija normalment meħtieġa) dan it-tagħmir jista 'ma joffrix protezzjoni adegwata lis-servizzi ta' komunikazzjoni bi frekwenza tar-radju. L-utent jista 'jkollu bżonn jieħu miżuri ta' mitigazzjoni, bħar-rilokazzjoni jew l-orjentazzjoni mill-ġdid tat-tagħmir.

Kif a appoġġ apparat, SLS550i ma mhux jipprovdu essenzjali prestazzjoni.

TWISSIJA Uża ta ' dan tagħmir biswit għal jew f'munzelli ma ' oħra tagħmir għandu tkun evitat għaliex dan setgħet riżultat fi mhux xieraq operazzjoni. Jekk tali użu huwa meħtieġ, dan tagħmir u il oħra tagħmir għandu tkun osservati għal tivverifika dak huma huma joperaw normalment.

TWISSIJA Uża ta ' aċċessorji, transducers u kejbils oħra minn dawk speċifikat jew ipprovdut minn il manifattur ta ' dan tagħmir setgħet riżultat fi żdied elettromanjetika emissjonijiet jew naqas elettromanjetika immunità ta ' dan tagħmir u riżultat fi mhux xieraq operazzjoni.

TWISSIJA Portabbli RF komunikazzjonijiet tagħmir (inkluż periferali tali kif antenna kejbils u esterni antenni) għandu tkun użat le eqreb minn 30 cm (12 pulzieri) għal kwalunkwe parti ta ' il SLS550i, tagħha kejbils, jew aċċessorji. Inkella, degradazzjoni ta ' il prestazzjoni ta ' dan tagħmir setgħet riżultat.

Elettromanjetiku Emissjonijiet Standards u Test Livell

Test/Standard	Compliance
RF Emissions CISPR 11	Group 1. Class A
RF Emissions FCC Part 15	Class A
Conducted Emissions CISPR 11	Group 1. Class A
Harmonic Distortion IEC 61000-3-2	Class A
Voltage Fluctuations and Flicker IEC 61000-3-3	Complies

Elettromanjetiku Immunità Standards u Test Livelli

Test/Standard	Compliance
Electrostatic Discharge	+-8 kV contact
IEC 61000-4-2	+-2 kV, +-4 kV, +-8 kV, +-15 kV air
Radiated RF Immunity	3 V/m
IEC 61000-4-3	80 MHz – 2.7 GHz
	80% AM at 1 kHz
Proximity fields from RF wireless equipment	Complies
IEC 61000-4-3	

Test/Standard	Compliance
Electrical Fast Transient/Burst	AC Port: ± 2 kV, 100 kHz repetition frequency
IEC 61000-4-4	SIP/SOP Ports: ± 1 kV, 100 kHz repetition frequency
Surge	Line-to-Line: ± 0.5 kV, ± 1.0 kV
IEC 61000-4-5	Line-to-Ground: ± 0.5 kV, ± 1.0 kV, ± 2.0 kV
Conducted Immunity	AC Port and SIP/SOPs:
IEC 61000-4-6	3 V, 0.15 MHz – 80 MHz
	6 V, in ISM bands between 0.15 MHz and 80 MHz
	80% AM at 1 kHz
Magnetic Field Immunity	30 A/m, 50 Hz or 60 Hz
IEC 61000-4-8	
Voltage Dips	0% *UT*, 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°
IEC 61000-4-11	0% *UT*, 1 cycle AND 70% *UT*, 25/30 cycles, Single phase: at 0°
Voltage Interruptions	0% *UT*, 250/300 cycle
IEC 61000-4-11	

Sigurtà Prekawzjonijiet

- **Qatt qabbad il apparat esterni qawwa provvista għal kwalunkwe iżbokk jew qawwa provvista dak għandu a vultaġġ jew frekwenza differenti minn dak speċifikat (100 - 240 VAC, 50/60 Hz). Uża biss il esterni qawwa provvista ipprovdut ma ' il apparat (Codonics parti Numra SLS-PS).**
- **Meta tissostitwixxi il apparat, dejjem qawwa dan isfel (irreferi għal "Qawwa Mitfi il Sistema ") u skonnettja il AC qawwa korda qabel għal manutenzjoni dan.**
- **Ħsara għal a qawwa korda huwa a nar u xokk periklu. Meta qtugħ a qawwa korda, żomm dan minn il tapp biss u neħħi il tapp b'attenzjoni.**
- **Jekk a qawwa korda jew esterni qawwa provvista bżonnijiet għal tkun mibdul, ibdel dan biss with ieħor Codonics qawwa korda jew Codonics esterni qawwa provvista. Alternattivament, ibdel dan ma ' a qawwa korda jew esterni qawwa provvista manifatturati speċifikament għal tiegħek qawwa konfigurazzjoni.**
- **Jekk il apparat huwa tipjip jew jagħmlu mhux tas-soltu ħsejjes, qawwa mitfi u aqla ' il apparat immedjatament.**
- **Agħmel mhux daħħal barrani oġġetti ta ' kwalunkwe tip ġo il apparat; tagħmel hekk jista ' jikkostitwixxu a sigurtà periklu u kawża estensiva ħsara.**
- **Agħmel mhux post kwalunkwe likwidu kontenituri fuq il apparat. Jekk, għal xi wħud raġuni, likwidu seeps ġo il apparat, qawwa mitfi il apparat u aqla ' il qawwa korda minn il sors iżbokk. Jekk użat mingħajr tieħu korrettiv miżuri, il apparat jista ' tkun bil-ħsara.**
- **Agħmel mhux tesponi il apparat għal fjammabbli gassijiet fi konċentrazzjonijiet għoli biżżejjed għal kawża nar jew splużjoni.**

Post Prekawzjonijiet

- **Il joperaw ambjentali temperatura firxa ta ' SLS PCS huwa 15–30ºC (59-86ºF), ma ' a qarib umdità ta ' 20% –80%.**
- **Jekk SLS PCS huwa imċaqlaq malajr minn an estremament kiesaħ lokazzjoni għal a aktar sħan waħda, condensazzjoni huwa probabbli għal forma. Agħmel mhux użu SLS PCS jekk kondensazzjoni għandu iffurmat.**
- **Stenna sakemm il kondensazzjoni għandu evaporat. Int jista ' veloċità sa il evaporazzjoni ħin minn miexja SLS PCS għal a nixxiefa lokazzjoni.**
- **Agħmel mhux post SLS PCS fi a lokazzjoni ma ' għoli umdità jew għoli trab. Fl-ajru ħmieġ partiċelli jista ' kawża jistampa kwalità problemi. Evita tqegħid SLS PCS fi postijiet fejn ventilazzjoni katusi, miftuħa bibien, jew frekwenti passers-by jista ' tesponi SLS PCS u tikketti għal għoli livelli ta ' fdalijiet.**
- **Agħmel mhux lokalizza SLS PCS fi hot-molol żoni fejn idroġenu sulfid u aċiduži joni huma probabbli għal tkun iġġenerat.**
- **Agħmel mhux lokalizza SLS PCS fejn hemm huma żejtnija dħaħen u fwar.**
- **Agħmel mhux lokalizza SLS PCS fi dirett dawl tax-xemx.**
- **Agħmel mhux lokalizza SLS PCS qrib sorsi ta ' għoli RF enerġija.**
- **Agħmel mhux lokalizza SLS PCS fejn dan jista ' tkun suġġett għal jarring jew vibrazzjonijiet, tali kif a mejda jew skrivanija fi a traffiku għoli żona. Jarring u vibrazzjonijiet jista ' jaffettwaw il jistampa kwalità ta ' tikketti.**
- **Jekk bl-użu a VESA immonta għal immonta il apparat fuq a ħajt, toqgħod, jew anestesija provvista karrettun, irreferi għal il VESA Immuntar Interface Standard (MIS), disponibbli fi www.vesa.org, għal xieraq lokazzjoni u installazzjoni informazzjoni.**

Tindif Prekawzjonijiet

Lil evita ħsara għal il apparat, osserva il wara ġenerali prekawzjonijiet għal tindif il apparat:

- **Apply il aktar nadif għal a nadif, mingħajr lint drapp fl-ewwel u imbagħad nadif il apparat.**
- **Likwidu applikati direttament għal il apparat setgħet possibilment tnixxija ġewwa il apparat u kawża ħsara. Uża żejda kawtela meta tindif madwar il ventijiet fuq il lura ta ' il touchscreen u kelliem.**
- **Ħalli il apparat għal kompletament niexef qabel joperaw dan mill-ġdid.**
- **Ħafna plastik komponenti huma użat fi SLS PCS kostruzzjoni. Iksi flecking u deformazzjoni huwa probabbli għal iseħħu jekk il apparat huwa mimsuħ ma ' kimika dusters, benżin, thinners, insettiċidi, jew oħra solventi. Lastiku u PVC materjali xellug fi kuntatt ma ' SLS PCS għal estiż perjodi ta ' ħin se kawża ħsara. Qatt użu ibbażat fuq il-pitrolju soluzzjonijiet jew joborxu prodotti għat-tindif.**
- **Qatt użu joborxu materjal.**
- **Dejjem iddilwa tindif aġenti skond għal il manifattur istruzzjonijiet, jew użu il l-iktar baxx possibbli konċentrazzjoni.**
- **Agħmel mhux jippermettu il tindif aġent għal jibqa ' fuq il apparat uċuħ. Imsaħ dan mitfi immedjatament ma ' a mingħajr lint drapp niedja ma ' ilma.**

Għal tindif istruzzjonijiet, irreferi għal “Tindif il Mehmużin ”.

Huwa huwa irrakkomandat dak int iddiżinfetta il prodott biss meta meħtieġ kif determinat minn tiegħek l-isptar politika, għal evita fit-tul ħsara għal il prodott.

Il apparat għandu tkun imnaddfa l-ewwel, kif deskritt fi “Tindif il Mehmużin ”, qabel bl-użu a ġenerali diżinfettar aġent.

Tindif il Mehmużin

TWISSIJA Dejjem qawwa mitfi il sistema qabel tindif. An elettriku xokk setgħet iseħħu jekk il sistema huwa imħaddem fuq u likwidu huwa imxerred ġo dan.

Lil nadif il tas-sistema egħluq, użu a nadif, mingħajr lint drapp niedja ma ' jew sħun ilma u ħafif sapun, a dilwit mhux kawstiku deterġent, jew waħda ta ' il wara approvat tindif aġenti:

Ammonja: Dilwizzjoni ta ' Ammonja <3%
Alkoħol: Etanol 70%, Isopropanol 70%.

- **Matul ħin, linka sprej żejjed jista ' tiġbor fi il bażi ta ' il apparat. Il apparat użi a vakwu sistema għal tiġbor l-aktar ta ' dan linka fuq a serje ta ' saturazzjoni pads.**
- **Eventwalment, dawn pads jista ' bżonn għal tkun mibdul. Kuntatt Codonics Tekniku Appoġġ għal jiddeterminaw jekk kuxxinett sostituzzjoni huwa meħtieġ.**
- **Jekk linka għandu sibt fuq il tas-sistema egħluq, dan jista ' tkun imnaddfa ma ' an ammonja ibbażat tieqa aktar nadif u a mingħajr lint drapp.**
- **Jekk skannjar barcodes huwa inkonsistenti jew il apparat huwa wara diffikultà skannjar, nadif il skaner ħġieġ tieqa.**

Diżinfettar il Mehmużin

Irrakkomandat diżinfettar aġenti jinkludu:

1 parti tad-dar blić u 5 partijiet ilma soluzzjoni
A-456-N
Virex II 256
PDI Sani-Cloth®

TWISSIJA Codonics jagħmel le talbiet rigward il effikaċja ta ' il elenkati kimiċi jew metodi kif a tfisser ta ' kontroll infezzjoni. Ikkonsulta tiegħek l-isptar infezzjoni kontroll uffiċjal jew epidemjologu.

Diżinfettar Prekawzjonijiet

Lil evita ħsara għal il apparat, osserva il wara ġenerali prekawzjonijiet għal diżinfettar il apparat:

- **Agħmel mhux użu Povodine, Sagrotan, jew Mucocit diżinfettar aġenti jew qawwi solventi (għal eżempju, aċetun).**
- **Agħmel mhux użu kwalunkwe diżinfettar aġenti dak jissaddad jew ħsara polikarbonat.**

Midja Prekawzjonijiet

- **Mhux mixtieqa tikketti għandu tkun meqruda jew jintrema ta ' għal tiżgura dak mhux xieraq labels huma mhux użat.**
- **Biss użu Codonics linka skratać u tikketti għal tiżgura xieraq operazzjoni ta ' il device u xieraq tikkettar ta ' siringi. Bl-użu mhux approvat linka skratać u labels setgħet ċomb għal inaċċettabbli riżultati, inkluż fqir jistampa kwalità u fqir tikketta adeżjoni għal siringi.**
- **Ħsara minn mhux approvat linka jew tikketti se null il garanzija.**
- **Qatt imla mill-ġdid linka skratać, kif dan jista ' riżultat fi żbaljata kulur użu.**

Rimi Rekwiżiti

Rimi ta ' dan prodott u konsumabbli għandu tkun fi konformità ma ' kollha applikabbli liġijiet u regolamenti fi effett fi il lokalità fi il ħin ta ' rimi. Għal addizzjonali informazzjoni, irreferi Perikoluż Materjal Informazzjoni.

Ewropew Rimi Rekwiżiti

Codonics immaġini u elettroniku aċċessorju apparat huma mhux għal tkun mormi jew riċiklat; anzi huma huma għal tkun lura għal il manifattur. Kuntatt Codonics direttament jew minn il rabta ipprovdut għal il l-aktar tard informazzjoni dwar:

Identifikazzjoni ta ' il speċifiku għall-pajjiż Importatur / Distributur / Produttur
Prodott ritorn u trattament ta ' tagħna elettroniku prodotti

Manifattur: Kodonika Inc.
17991 Englewood Issuq
Middleburg Għoli, OH 44130 L-Istati Uniti
Telefon: +1 440.243.1198
Fax: +1 440.243.1334
E-mail: WEEE@codonics.com
www.codonics.com

Codonics elettroniku prodotti u aċċessorji li jkollhom il wara simbolu huma suġġett għal Ewropew Direttiva fuq Skart Elettriku u Elettroniċi Tagħmir (WEEE) 2002/96 / KE, emendat minn Direttiva 2003/108 / KE. Il MT 50419 simbolu tindika separat ġbir u ritorn meħtieġ.

EN 50419 symbol

Indikazzjonijiet għal Użа

Apparat Deskrizzjoni

Droga preparazzjoni u amministrazzjoni fi il perioperattiv ambjent huma integrali aspetti ta ' anestesjologu pazjent kura responsabbiltajiet. Il Kodonika Sikur Tikketta Sistema (SLS) hija sistema sempliċi u integrata li tuża barcode scanner biex taqra u tikkonferma l-identità tad-droga mill-FDA NDC (Kodiċi Nazzjonali tad-Droga) u Barcodes ID oħra tad-droga minn kontenituri tad-droga u tipprintja awtomatikament tikketti għal drogi ppreparati u oġġetti oħra li qed jintużaw fuq pazjenti waqt proċeduri kirurġiċi. It-tikketti huma konformi mar-regolamenti nazzjonali ffokati fuq it-titjib tas-sigurtà tal-medikazzjoni fl-ambjent perioperattiv.

Il softwer komponenti jipprovdu funzjonijiet għal skannjar kontenitur barcodes; ħolqien, reviżjoni, u japprova il immaniġġjat mill-isptar promozzjoni ta ' a formularju dejtabejż; il-wiri fuq l-iskrin u l-konferma li tinstema 'tat-tip ta' droga; u l-istampar ta 'tikketti konformi mal-kontenut u l-kulur ISO, ASTM, u TJC (Il-Kummissjoni Konġunta) b'kodiċi tal-bar 1D u / jew 2D. Is-sistema taqra barcodes tal-kontenitur tad-droga u tipproduċi tikketti tal-kulur reżistenti għall-ilma. Is-sistema tista 'tiġi integrata biex taħdem ma' fluss tax-xogħol ta 'Sistema ta' Ġestjoni ta 'Informazzjoni ta' Anestesija (AIMS) biex tipprovdi dokumentazzjoni f'ħin reali ta 'amministrazzjoni ta' mediċina meta tinqara s-siringa 1D jew 2D barcode. Is-sistema tista 'tkun aċċessata u ġestita permezz ta' netwerk (Ethernet jew Wi-Fi).

Apparat Karatteristiċi

Il użu ta ' droga klassi speċifiku mudell u kulur kull ASTM D4774 u ISO 28625 Speċifikazzjonijiet għal Utent Applikat Droga Tikketti fi Anestesjoloġija huwa konfigurabbli minn sit u sett tad-dejta. *Formulari* (settijiet tad-dejta) huma unikament imsemmi konfigurazzjonijiet dak jista ' differenti fi drogi, kuluri, dilwizzjonijiet, u kummenti għal takkomoda differenti prattiċi ġewwa a
waħdieni sit jew l-isptar (għal eżempju, pedjatrika kontra kardijaku).

Addizzjonali użi jinkludu jipproduċu tikketti għal IVs u oħra artifacts użat waqt a kirurġiċi proċedura.

Il Codonics SLS huwa ġeneralment mqiegħda fi, madankollu mhux limitat lil, il perioperattiv ambjent għal identifika siringi ippreparat għal anestesjoloġija użu waqt kirurġija.

Tipiku utenti ta ' dan sistema huma imħarrġa professjonisti, inkluż iżda mhux limitat għal tobba, infermiera, u tekniċi.

Il maġġuri karatteristiċi u funzjonijiet ta ' il familja ta ' apparat jinkludu:

- **Skannjar il droga kontenitur barcode direttament minn a kunjett jew oħra tip ta ' kontenitur**
- **Dekodifikazzjoni il maħruġa mill-manifattur barcode ġo il meħtieġ FDA Nazzjonali Droga Kodiċi (NDC) jew Uniku Droga Identifikatur (UDI) numru**
- **Jirreferi il NDC / UDI numru għal a immexxi mis-sit formularju Ħares il-fuq database**
- **Tipprovdi awdjo u Konformi mal-ISO viżwali "Qari mill-ġdid" ta ' il droga isem**
- **Tipprovdi an twissija jekk il droga kontenitur huwa elenkati kif "Imfakkar / skadut" fi il sit formularju**
- **Stampar an faċli biex tinqara, ilma reżistenti ISO 26825 konformi kulur tikketta laqgħa Il Konġunt Kummissjoni medikazzjoni ġestjoni standards u il Amerikan Soċjetà ta ' Anestesjoloġisti linji gwida għal tikkettar**
- **Tipprovdi il bażiku informazzjoni minn liema il stampati tikketta barcode jista ' tkun aqra to dokument medikazzjoni amministrazzjoni fi an GĦANIJIET**
- **Stampar tikketti ma ' inserzjoni u skadenza data u ħin għal IV linji**

Apparat Indikazzjonijiet għal Uża Dikjarazzjoni: Preskrizzjoni Uża Apparat

Il Codonics SLS PCS apparat u SLS softwer jipprovdi a sempliċi ibbażat fuq il-kompjuter barcode skannjar u stampar sistema għal awtomatikament tivverifika droga identità minn NDC u oħra droga kontenitur UDI barcodes, u għal jistampa tikketti għal ippreparat drogi u oħra oġġetti fi użu fuq pazjenti waqt kirurġiċi proċeduri.

Il Codonics SLS PCS huwa ġeneralment mqiegħda fi, madankollu mhux limitat lil, il perioperattiv ambjent għal identifika siringi ippreparat għal anestesjoloġija użu waqt kirurġija. Addizzjonali użi jinkludu jipproduċu tikketti għal IVs u oħra artifacts użat waqt a kirurġiċi proċedura. SLS PCS jista ' ukoll tkun użat għal jistampa "Mhux kirurġiku ambjent " kulur u test tikketti kif meħtieġ. Tipiku utenti ta ' dan sistema huma imħarrġa professjonisti, inkluż iżda mhux limitat għal tobba, infermiera, u tekniċi.

ATTENZJONI Federali liġi jirrestriġi dan apparat għal tkun mibjugħa għal użu minn jew fuq il ordni ta ' a tabib.

Perikoluż Materjal Informazzjoni

Materjali ta ' Kostruzzjoni

Codonics għandu sett ħafna stretti standards għal tevalwa prodotti għal tiżgura il kummerċjalizzazzjoni ta ' regolatorji konformi prodotti mad-dinja kollha.

Aħna agħmel mhux intenzjonalment żid, lanqas huma aħna konxji, dak il prodotti jew ippakkjar fihom il wara materjali:

- **Merkurju, ħlief kif użat fi lampa applikazzjonijiet (għal eżempju, skannjar lampi, imdawwal LCDs).**
- **Kadmju, ħlief kif użat kif oħxon film linka fuq stampati ċirkwit bordijiet.**
- **Eżavalenti Kromju, ħlief kif użat kif oħxon film linka fuq stampati ċirkwit bordijiet, kif kromat konverżjoni kisi fuq metall uċuħ, u kif a fotoreżist fuq ħġieġ pannelli ta ' katodu raġġ tubi.**
- **Polibrominat difenil eteri u polibrominat bifenili.**
- **Bijodisponibbli arseniku (żgħir ammonti ta ' arseniku użat fi ħġieġ, LEDs, u semikondutturi huma mhux meqjus għal tkun bijodisponibbli).**
- **Bijodisponibbli kristallin silika (żgħir ammonti ta ' kristallin silika huma użat fi Ċċerti żebgħa, kisi, u mili materjali).**
- **Poliklorinat bifenili (PCBs).**
- **Asbestos.**
- **Organiku landa (mhux użat fi landa ċomb istann applikazzjonijiet).**
- **Tnaqqis fl-ożonu sustanzi tali kif klorofluworokarbonji, metil kloroform, and karbonju tetraklorur.**

Manifattura

Waqt manifattura operazzjonijiet dak jipproduċu Codonics prodotti (inkluż ippakkjar), le ożonu jonqos sustanzi (bħal kif klorofluworokarbonji, metil kloroform, u karbonju tetraklorur) huma użat.

Speċifikazzjonijiet

Sistema: Integrat kapaċitattiv tmiss iskrin kompjuter, 2D barcode skaner, kulur linka ġett stampatur, awdjo feedback, u dispożizzjoni għal a netwerk interface
Linka Skratać: Waħda kulur skartoċċ (CMY)
SmartDrive: USB flash issuq għal ħażna konfigurazzjoni dejta, formularju database, zokk maqtugħ fajls
Li tinqara Barcodes: GS1 DataBar Limitat (RSS Limitat), GS1 DataBar Stacked (RSS-14 Stacked), GS1-128, UPC-A, Dejta Matriċi, Kodiċi 128, Kodiċi 128 barcodes ma ' GS1-128, Kodiċi 39, Kodiċi 32, IFT-14, Interleaved 2 ta ' 5, EAN-8, EAN-13
Kiteb Barcodes: Dejta Matriċi
Netwerk Interfaces: Ethernet (RJ-45), inkluži standard
Wifi (USB-2 adapter), mhux obbligatorju, disponibbli minn Codonics
Netwerk Veloċitajiet: Ethernet, mimli duplex 100 Bażi-T biss
Wifi, 802.11 b / g / n (2.4 GHz) u 802.11 a / n / ac (5.0 GHz)
Netwerk Protokolli: SSH (Sikura Qoxra) u SCP (Sikura Kopja)
Użat għal aċċess SLS PCS minn Codonics-awtorizzat applikazzjonijiet
Dimensjonijiet: Għoli: 16.5 fi. (41.9 cm)
Wisa ': 10.43 fi. (26.5 cm)
Fond: 15.67 fi. (39.8 cm)
Piż: 14.5 lbs (6.6 kg)

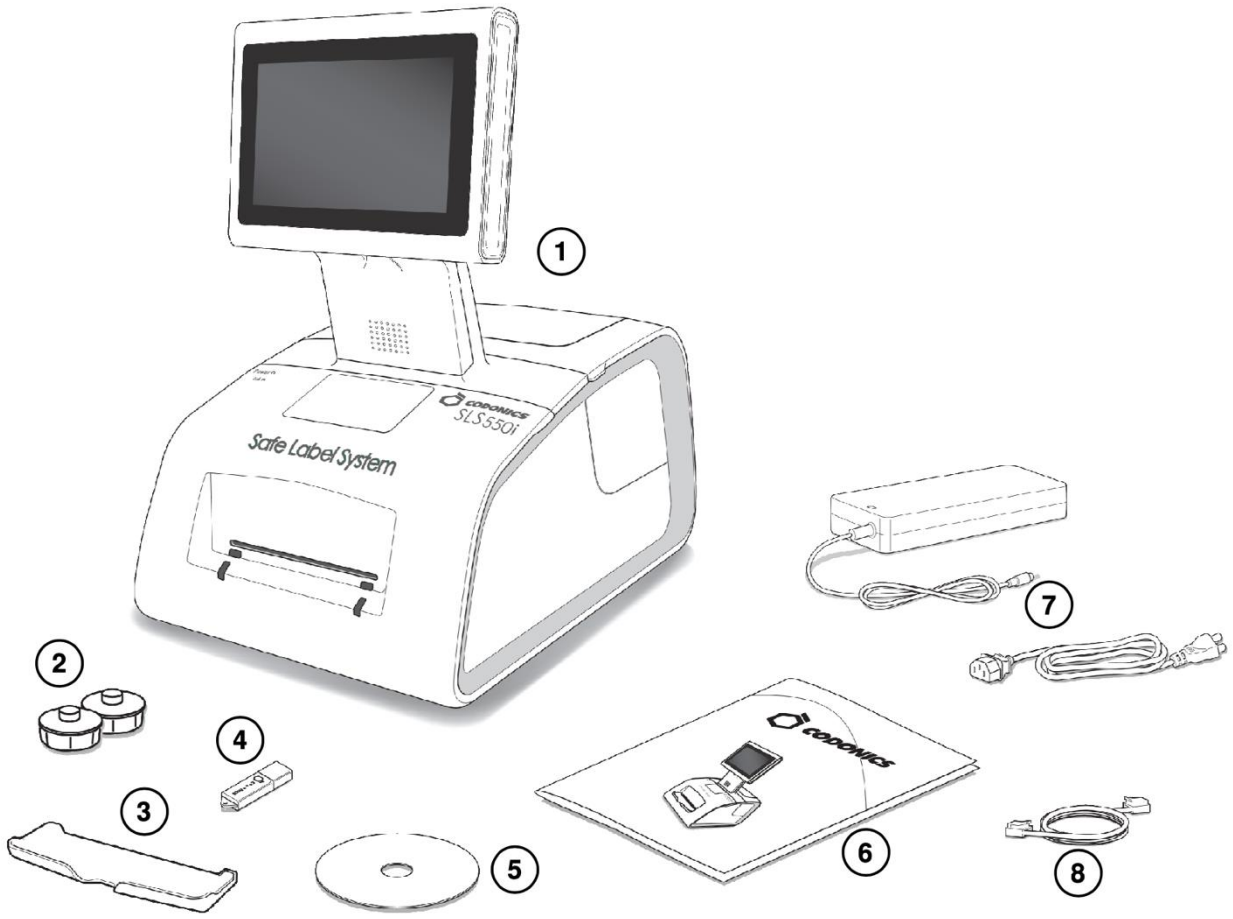
Qawwa: Universali Input: 100-240 VAC, 50/60 Hz
Ambjentali: *Jopera:*

Temperatura: 15–30 ° C (59-86 ° F)
Umdità: 20% –80% mingħajr kondensazzjoni
Trasport bil-baħar u Ħażna:
Altitudni: Baħar Livell għal 5790 m
Temperatura (Ħardwer): -22.2-51 ° C (-8–123.8 ° F)
Temperatura (Ink Skartoċċ u Tikketta Midja): 1–43 ° C (34–110 ° F)
Umdità (Ħardwer): 5% –85% mingħajr kondensazzjoni
Umdità (Ink Skartoċċ u Tikketta Midja): 5% –80% mingħajr kondensazzjoni
Mediku Konformità FDA ikklerjat għal suq kull 510 (k) K101439 Klassi II, MDR CE (Klassi I),
u Regolatorju: GMP / QSR ISO 13485: 2016, Sigurtà IEC 60601-1 u EMC IEC 60601-1-2 għal Professjonali
Kura tas-saħħa faċilitajiet
Klassifikazzjoni: Klassi II tagħmir, Prodott Kodiċi BSZ, Regolament Numru 868.5160

ATTENZJONI Federali liġi jirrestriġi dan apparat għal tkun mibjugħa għal użu minn jew fuq il ordni ta ' a tabib

Komponenti

Mhux ippakkjat Komponenti



1. Safe Label System

2. Tikketta midja ċentri

3. Output bin

4. SmartDrive

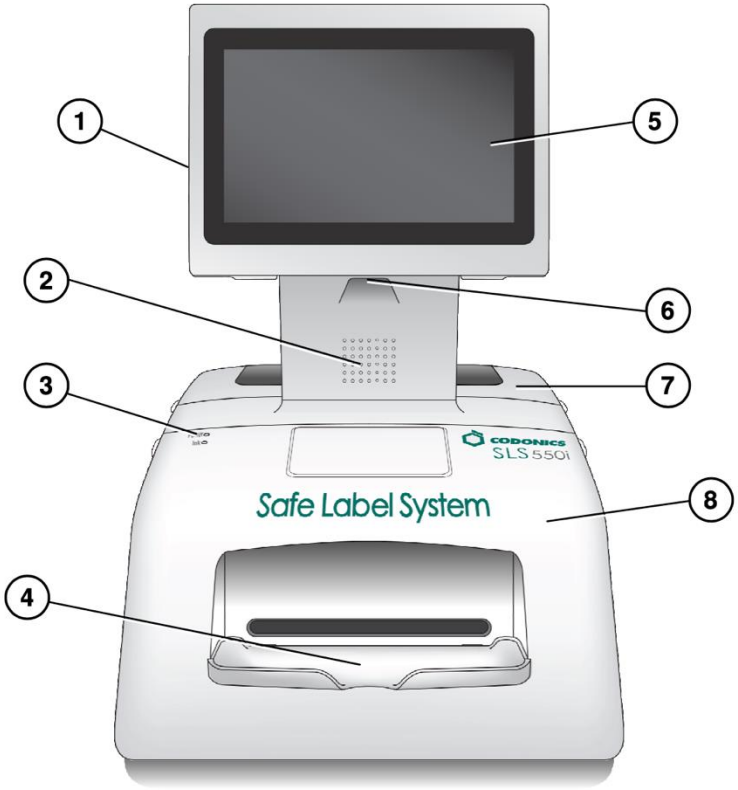
5. Tal-Utent Manwal diska

6. Referenza gwida u oħra dokumentazzjoni

7. Estern qawwa provvista u korda

8.Ethernet kejbil

Quddiem Komponenti



1. Tmiss iskrin USB port 1

2. Awdjo kelliem

3. Sistema qawwa LED

4. Output bin (installat)

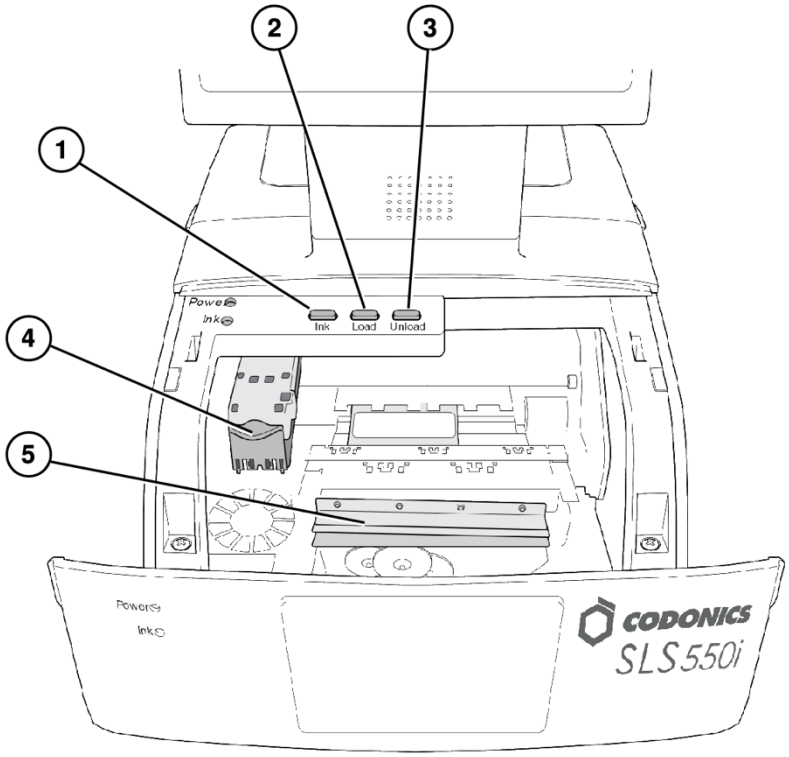
5. Tmiss iskrin

6. Barcode skaner

7. Wara għata

8. Quddiem għata

Komponenti Ġewwa Quddiem Għatti



1. Linka buttuna

2. Tagħbija iżdatunnellata

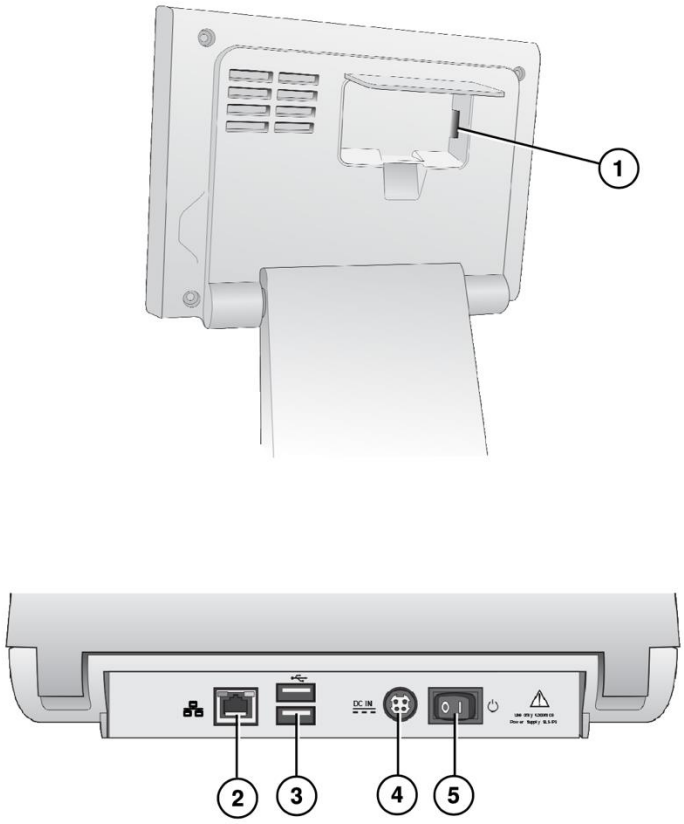
3. Ħatt buttuna

4. Linka skartoċċ ġarr

5. Tikketta cutter

TWISSIJA: Meta il quddiem għata huwa miftuħ, evita kuntatt ma ' il tikketta cutter.

Wara Komponenti



1. SmartDrive USB port2

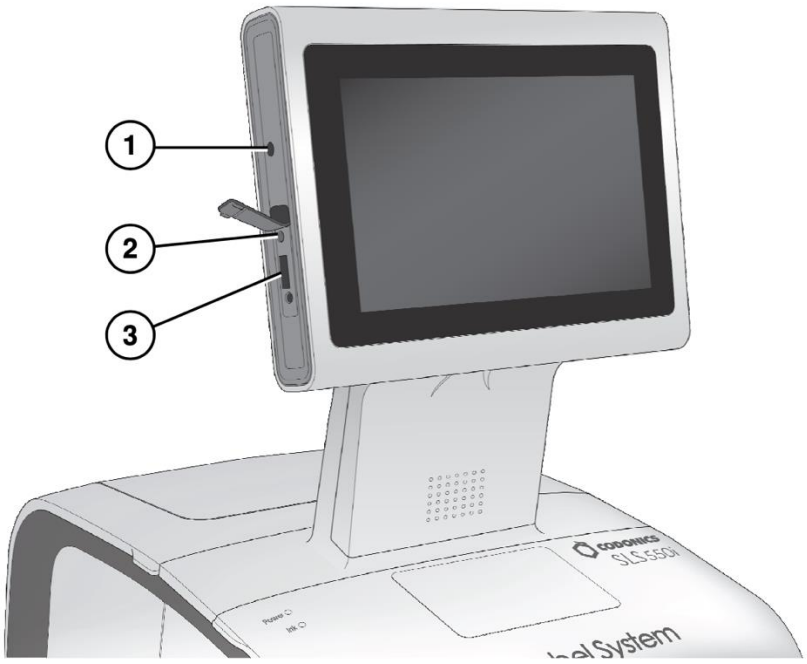
2. Ethernet port

3. USB portijiet

4. Qawwa input port

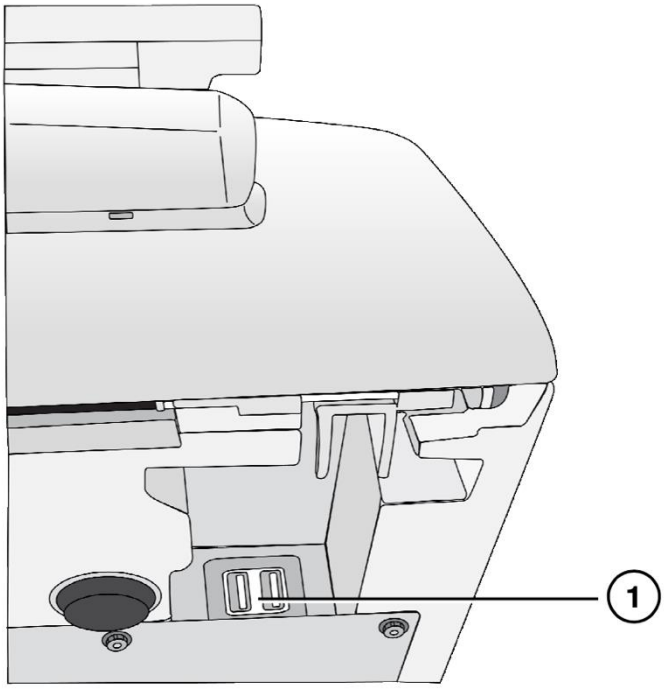
5. Qawwa swiċċ

Tmiss Skrin Komponenti



1. Qawwa LED
2. Irrisettja buttuna
3. USB port

Wifi Adapter USB Port

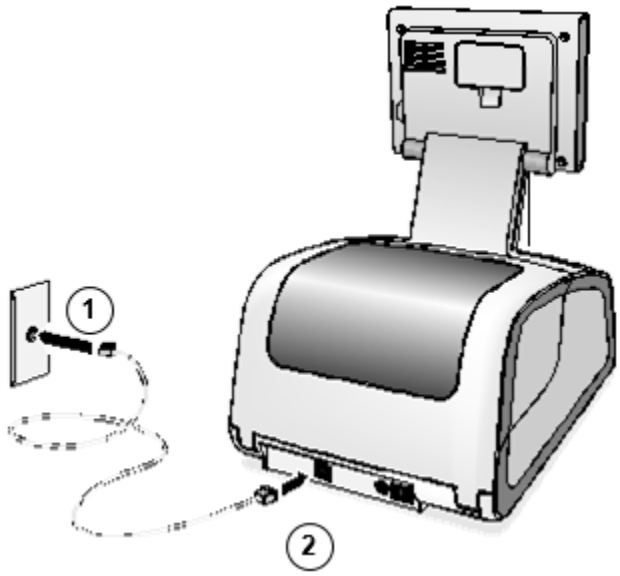


1. USB port għal Wifi adapter (qiegħ quddiem dritt kantuniera ta ' il SLS

Hardwer Setup

ATTENZJONI: Biss imħarrġa utenti għandu installa u ikkonfigura il sistema.

Ethernet Cable (Mhux obbligatorju)



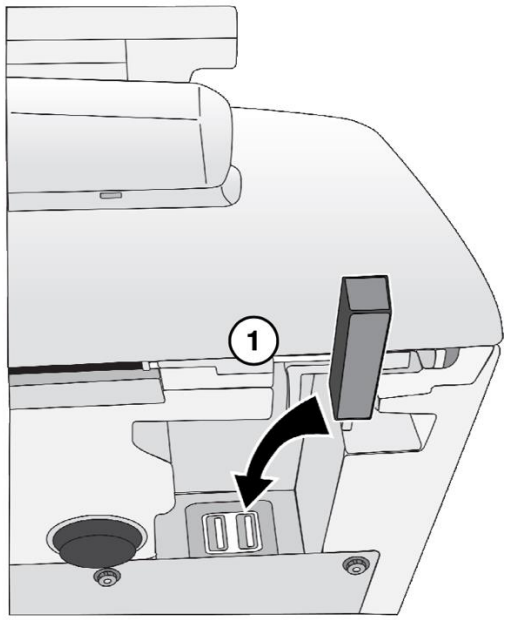
1. Qabbad il Ethernet kejbil għal a hub jew iżbokk dak huwa konnessi għal il netwerk.

2. Qabbad il oħra tmiem ta ' il Ethernet kejbil għal il SLS.

NOTA: Għal informazzjoni madwar konfigurazzjoni SLS Ethernet netwerk settings, irreferi għal il SLS Tal-Utent Manwal v1.3.0.

ATTENZJONI: Il SLS jappoġġja biss waħda netwerk konnessjoni fi a ħin, jew Ethernet jew Wifi. Agħmel mhux qabbad it-tnejn an Ethernet kejbil u il Wifi adapter fi il l-istess ħin.

Wifi Adapter (Mhux obbligatorju)



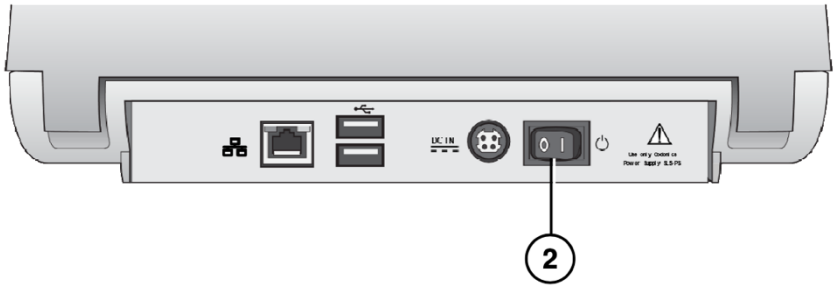
1. **Daħħal il Wifi adapter ġo il USB port fi il qiegħ quddiem dritt kantuniera ta ' il SLS.**

NOTA: Għal informazzjoni madwar konfigurazzjoni SLS Wifi netwerk settings, irreferi għal il SLS Tal-Utent Manwal v1.3.0.

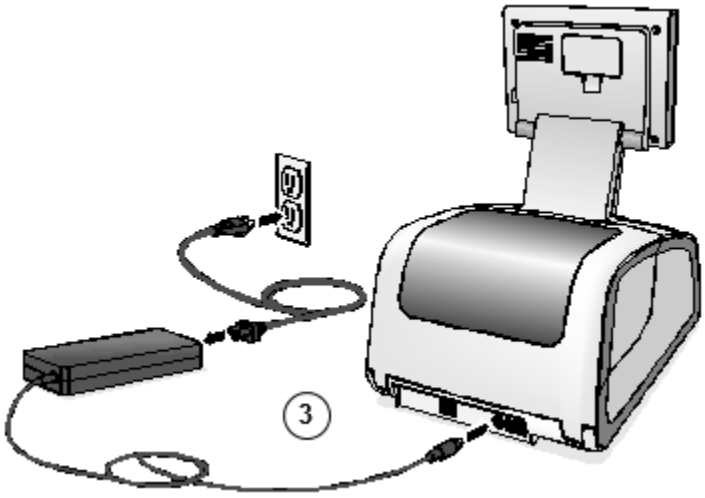
ATTENZJONI: Il SLS jappoġġja biss waħda netwerk konnessjoni fi a ħin, jew Ethernet jew Wifi. Agħmel mhux qabbad it-tnejn an Ethernet kejbil u il Wifi adapter fi il l-istess ħin.

Qawwa, SmartDrive

1. **Poġġi il SLS fuq a solidu livell wiċċ.**



2. Dawwar il Qawwa swiċċ għal mitfi.

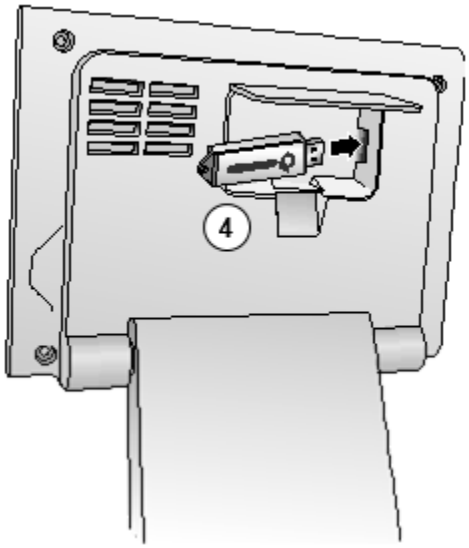


3. Qabbad il esterni qawwa provvista.

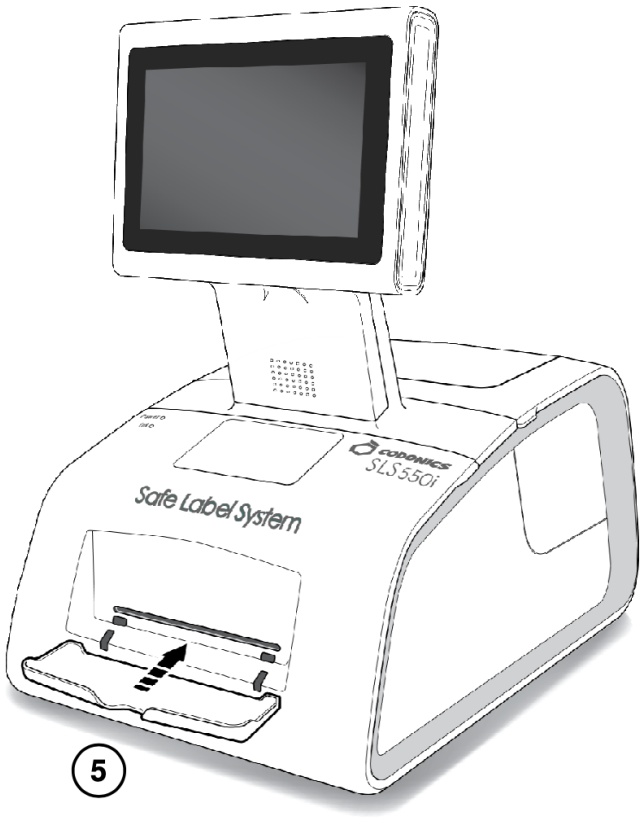
TWISSIJA: Il qawwa korda konnessi għal il SLS huwa il prinċipali skonnettja għal il sistema.

TWISSIJA: L-ert affidabilità jista ' tkun miksuba biss meta il SLS huwa konnessi għal a reċipjent immarkat “Sptar Biss ” (dak huwa, “Sptar Grad ”).

TWISSIJA: Agħmel mhux tmiss a pazjent waqt ukoll aċċess SLS intern komponenti dak huma taħt il aċċess għata.

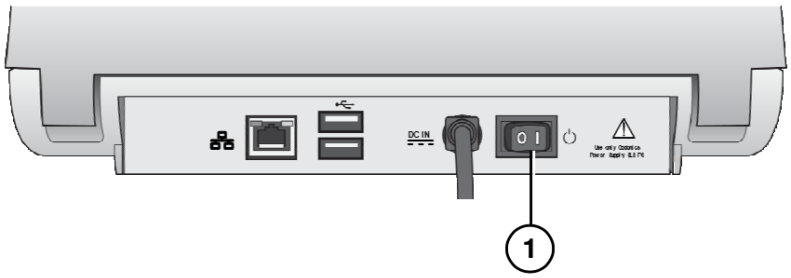


4. Daħħal il SmartDrive.

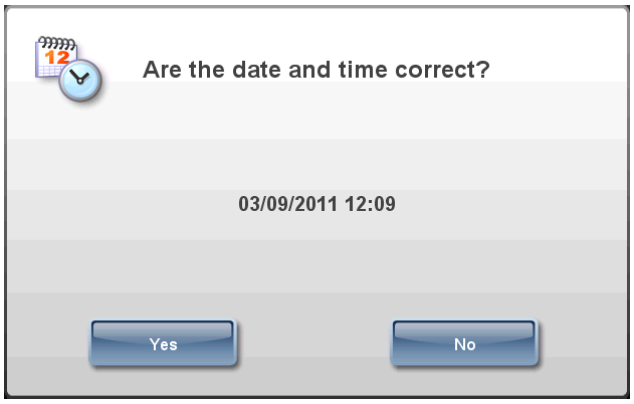


5. Daħħal il produzzjoni bin.

lbda

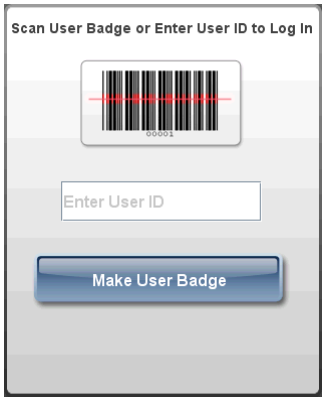


1. Dawwar fuq il Qawwa swiċċ.



2. Ikkonferma jew aġġusta il data u ħin.

3. Il Idħol fil-pront wirjiet.



Tagħbija Midja

NOTA: Uża biss Codonics-supplied midja.

Lil ordni midja, kuntatt Codonics Klijent Servizz fi:

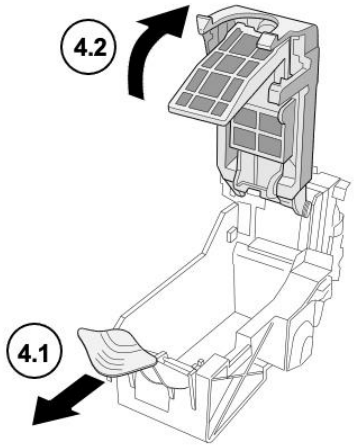
Phone:+1.440.243.1198
Fax:+1.440.243.1334
Pedaġġ Ħielsa:800.444.1198 (L-ISTATI UNITI biss)
Web Is-sit:www.codonics.com

Installazzjoni il Linka Skartoċċ

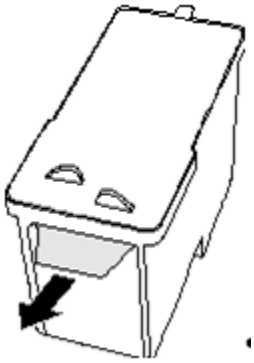
1. Miftuħa il quddiem għata.

2. Agħfas il Linka buttuna.

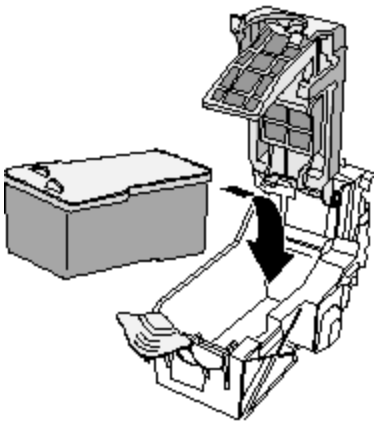
3. Stenna għal il linka skartoċċ ġarr għal temm miexja.



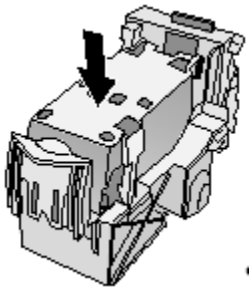
4. Miftuħa il linka skartoċċ ġarr.



5. Neħħi il tejp dak għata il linka skartoċċ jistampa ras.



6. Installa il linka skartoċċ.



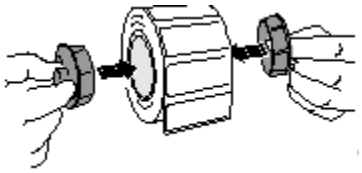
7. Agħlaq il linka skartoċċ ġarr.

8. Agħfas il Linka buttuna.

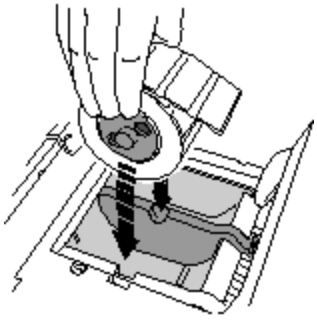
9. Agħlaq il quddiem għata.

Tagħbija Tikketta Midja

1.Miftuħa il fuq wara għata.



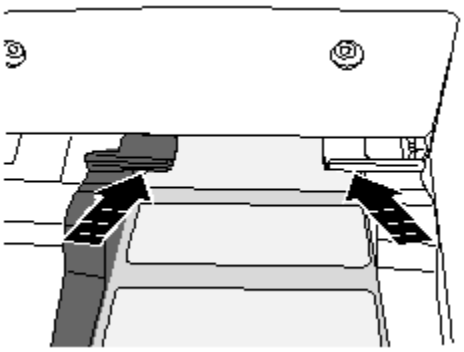
2.Daħħal il tikketta midja ċentri.



3. Poġġi il tikketta midja u ċentri fi il midja gwidi.

4. Aġġusta il midja gwidi. Tikketta midja għandu tkun sikur iżda għadu kapaċi għal dawwar liberament.

5. Poġġi il tikketta midja hawn taħt il midja gwidi u ġo il alimentatriċi slot.



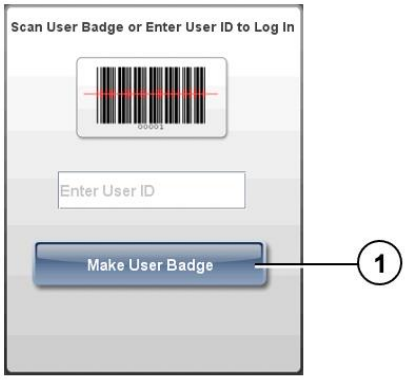
6. Għalf il tikketta midja sakemm il SLS awtomatikament għalf dan permezz il midja triq. Int jista ' bżonn għal żomm il tikketta midja fi post għal a ftit sekondi.

NOTA: Jekk il SLS tfalli għal għalf il tikketta midja, miftuħa il quddiem tkopri, agħfas il Ħatt buttuna, neħħi il midja minn il midja triq, stenna sakemm il midja triq rombli waqfa għażil, u Ipprova tagħbija il midja mill-ġdid.

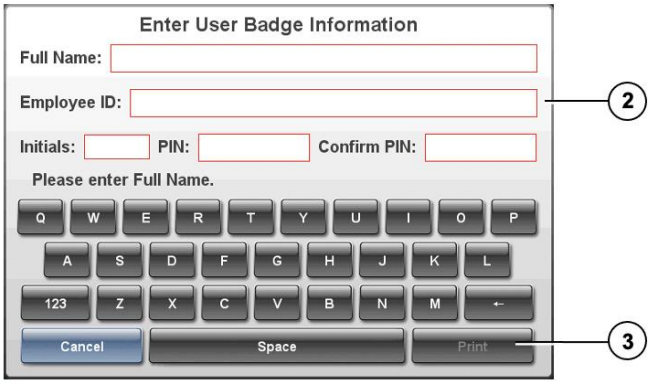
7. Agħlaq il fuq wara għata.

Idħol

Nagħmlu a Utent Badge



1. Fuq il Idħol fil-pront, agħfas il Għamla Utent Badge buttuna.



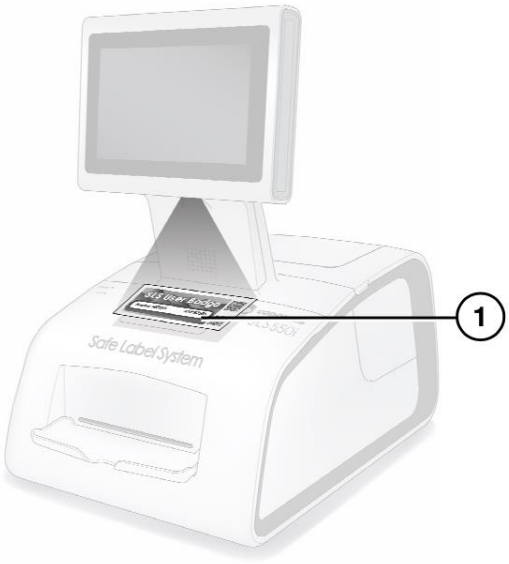
2. Daħħal tiegħek utent informazzjoni.

NOTA: Il Impjegat ID għandu tkun uniku fost il SLS utenti.

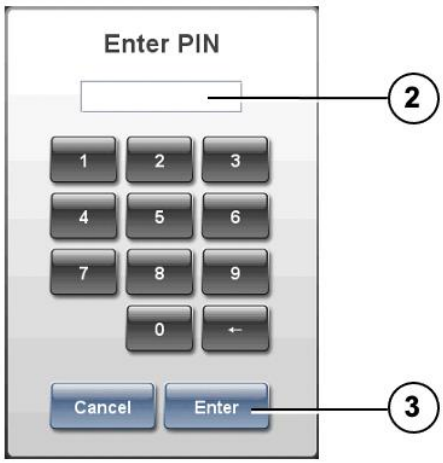
NOTA: Il PIN jista ' tkun sa għal għaxra ċifri twil. Jekk il sistema huwa mhux konfigurati għal jeħtieġu a PIN, imbagħad int se mhux tkun imħeġġa għal daħħal a PIN.

3. Agħfas il Stampa buttuna.

Illoggjar Fi



1. Fuq il Idħol fil-pront, skennja tiegħek utent badge barcode jew manwalment daħħal tiegħek utent ID.

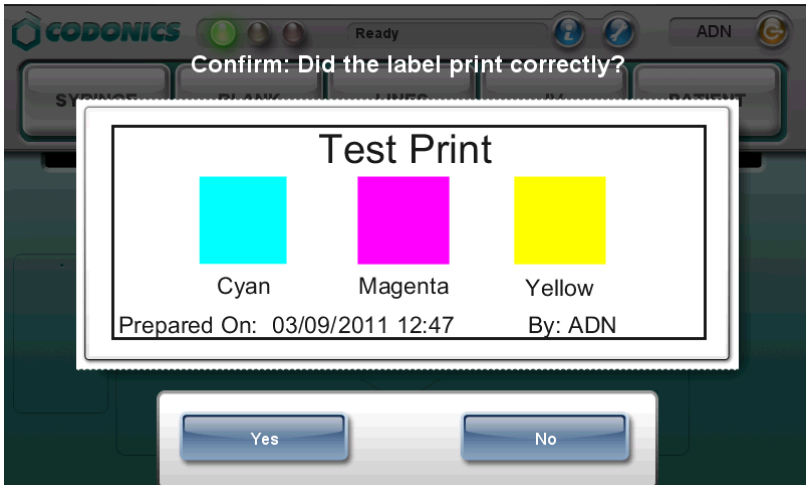


2. Jekk il sistema huwa konfigurati għal jeħtieġu a PIN, daħħal tiegħek PIN.

NOTA: Il PIN jista ' tkun sa għal għaxra ċifri twil.

3. Agħfas il Daħħal buttuna.

Jekk a test tikketta huwa stampat, int huma imħeġġa għal ikkonferma dak il test tikketta stampati sewwa.

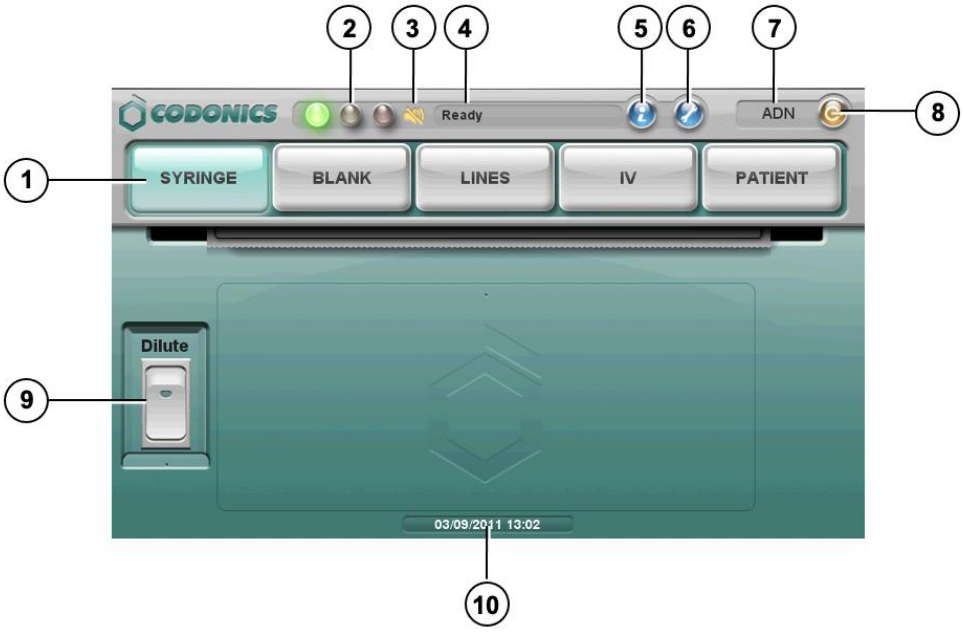


4. Spezzjona il test tikketta.

5. Jekk il test tikketta stampati b'mod korrett, agħfas il Iva buttuna. Il sistema huwa lest għal użu.

Jekk il test tikketta għamilt mhux jistampa b'mod korrett, agħfas il Le buttuna. Segwi il fuq l-iskrin istruzzjonijiet.

Tmiss Skrin Utent Interface



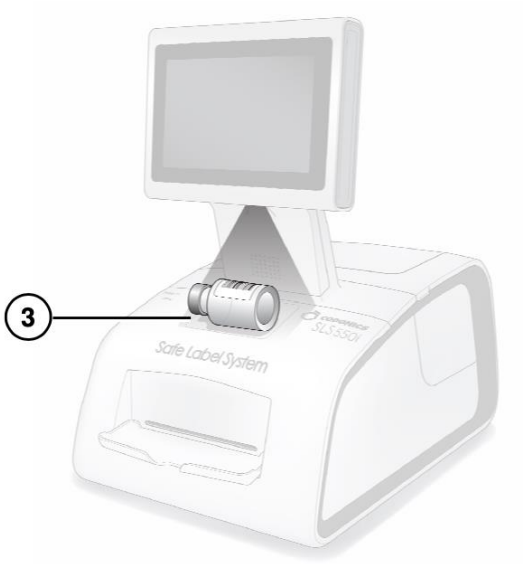
1. Tikketta tip buttuni
2. LED status indikaturi
3. Volum Mutu ikona
4. Sistema status messaġġ
5. Sistema informazzjoni buttuna
6. Utilitajiet buttuna
7. Utent inizjali
8. Oħroġ buttuna
9. Ħallat swiċċ
10. Kurrenti data u ħin

Stampar a Siringa Tikketta - Bażiku Uża

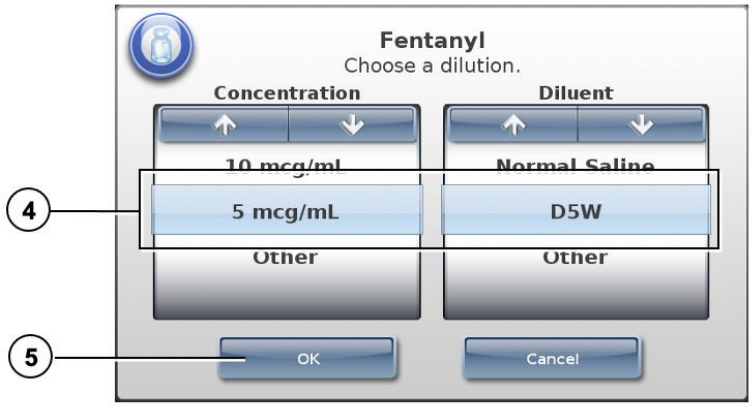
ATTENZJONI: Thu formularju użat fuq il SLS għandu tkun waħda dak kien maħluqa minn il sistema amministratur u approvat għal użu.

1. Agħfas il Siringa tikketta buttuna.

2. Lil jinkludu dilwizzjoni informazzjoni, agħfas il Ħallat swiċċ għal dawwar dan fuq.



3. Skennja il droga kontenitur barcode.



4. Jekk il Agħżel a Dilwizzjoni fil-pront wirjiet, agħżel a konċentrazzjoni u dilwent.

TWISSIJA: SLS utenti huma responsabbli għal kalkolu u tagħżel il korretta konċentrazzjoni u dilwent.

5. Agħfas il kollox sew buttuna.

Jekk il sistema huwa konfigurati għal jeħtieġu konferma qabel stampar il tikketta, a konferma fil-pront wirjiet.

NOTA: Il tikketta konferma fil-pront huwa murija għal sigurtà raġunijiet għal tiżgura dak il korretta droga informazzjoni huwa qed stampati.

6. Agħfas il Stampa buttuna għal ikkonferma u jistampa il tikketta.

7. Irkupra il stampati tikketta minn il produzzjoni bin.

Jekk il sistema huwa konfigurati għal jeħtieġu konferma wara stampar il tikketta, a konferma fil-pront wirjiet.

NOTA: Il tikketta konferma fil-pront huwa murija għal sigurtà raġunijiet għal tiżgura dak il tikketta għandu kien stampati sewwa.

8. Wara jirrevedi il tikketta u il iskrin wiri, iwettaq waħda ta ' il wara passi:

- **Skennja il barcode fuq il stampati tikketta. Jekk il barcode huwa korretta, il sistema tindika dan u il proċedura huwa komplut.**
- **Jekk int jista ' ara dak il tikketta għamilt mhux jistampa b'mod korrett, agħfas il Le buttuna. Segwi il fuq l-iskrin istruzzjonijiet.**
- **Jekk int huma mhux kapaċi għal skennja il barcode, agħfas il Ma jistax għal Skennja buttuna. Segwi il fuq l-iskrin istruzzjonis.**

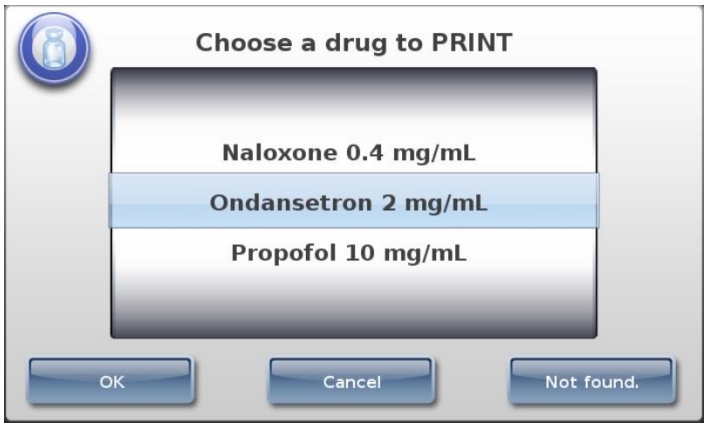
TWISSIJA: Lil evita tikkettar ħażin siringi, jagħmlu żgur dak int immedjatament waħħal il korretta tikketta għal il xieraq siringa.

TWISSIJA: Żbaljata siringa tikketti għandu tkun meqruda jew jintrema ta ' għal tiżgura dak huma huma mhux użat.

Stampar a Siringa Tikketta - Avvanzat Operazzjonijiet

Tqabbil Kontenitur IDs

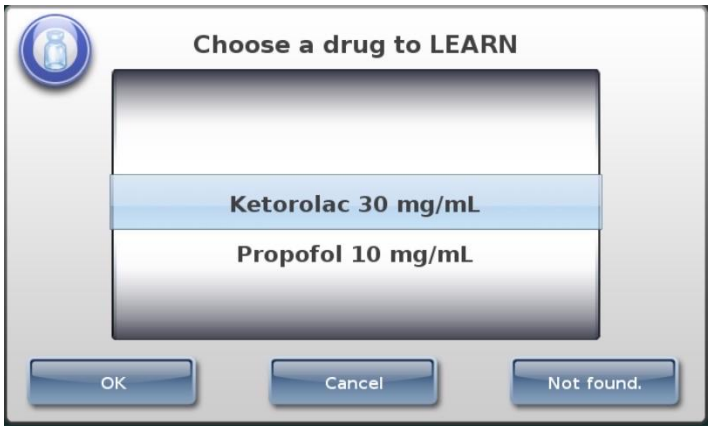
Wara skannjar il droga kontenitur barcode, jekk hemm huma multipli tqabbil drogi ma ' il l-istess Kontenitur ID, huma huma murija.



- **Jekk il korretta droga huwa murija, agħżel dan u imbagħad agħfas il kollox sew buttuna.**
- **Jekk il korretta droga huwa mhux murija, agħfas il Mhux Misjuba buttuna. Il proċedura tispiċċa. Kuntatt tiegħek SLS system aamministratur jew Codonics Tekniku Appoġġ (+1.440.243.1198).**
- **Lil ikkanċella il operazzjoni, agħfas il Ikkanċella buttuna.**

Immappjat Kaptan IDs (L-ISTATI UNITI Biss)

Wara skannjar il droga kontenitur barcode, jekk il Kontenitur ID dak kien skannjat jista ' tkun immappjat għal aktar minn waħda Kaptan ID, dawk drogi huma murija.

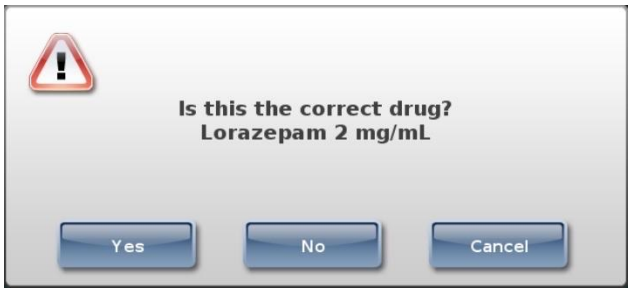


- **Jekk il korretta droga huwa murija, agħżel dan u imbagħad agħfas il kollox sew buttuna.**
- **Jekk il korretta droga huwa mhux misjuba, agħfas il Mhux Misjuba buttuna. Il proċedura tispiċċa. Kuntatt tiegħek SLS sistema amministratur jew Codonics Tekniku Appoġġ (+1.440.243.1198).**
- **Lil ikkanċella il operazzjoni, agħfas il Ikkanċella buttuna.**

Droga Verifika

Jekk il droga għandu mhux kien qabel ivverifikat għal tiżgura dak il droga kontenitur informazzjoni huwa il l-istess kif il droga informazzjoni fi il formularju, a verifika fil-pront wirjiet.

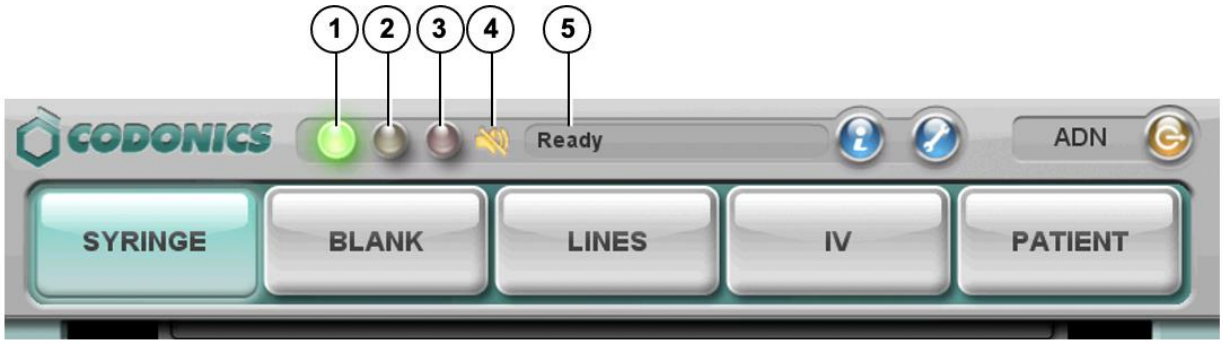
NOTA: Il verifika fil-pront biss iseħħ darba għal kull wieħed droga, meta tagħha kontenitur barcode huwa skannjat għal il-ewwel ħin.



- **Jekk il droga informazzjoni huwa korretta, agħfas il Iva buttuna. Int huma imħeġġa mill-ġdid għal ikkonferma dak il droga informazzjoni huwa korretta.**
- **Jekk il droga informazzjoni huwa mhux korretta, agħfas il Le buttuna. Int huma imħeġġa mill-ġdid għal ikkonferma dak il droga informazzjoni huwa żbaljata.**
- **Lil ikkanċella il operazzjoni, agħfas il Ikkanċella buttuna.**

Monitoraġġ Status

Dashboard Status Informazzjoni



1. Normali: Il sistema huwa lest għal proċess jew huwa ipproċessar a xogħol (għal eżempju, stampar).

2. Twissija kundizzjoni: Il sistema jista ' għadu proċess impjiegi iżda teħtieġ utent attenzjoni (għal eżempju, baxx linka).

3. Kritika jew tort kundizzjoni: Il sistema jista ' mhux tkun kapaċi għal proċess impjiegi. Il sistema teħtieġ immedjat utent attenzjoni (għal eżempju, barra ta ' tikketta midja).

4. Mutu ikona: Displays meta il volum huwa siekta.

5. Status messaġġi.

Sistema Informazzjoni

1. Agħfas il Sistema Informazzjoni ikona.

2. Agħfas il tabs għal fehma addizzjonali informazzjoni.

Manutenzjoni

Wiri il Utilitajiet Skrin

1. **Agħfas il Utilitajiet buttuna.**

   Il Utilitajiet iskrin wirjiet. Il buttuni huma deskritt fi il mejda hawn taħt.

2. **Lil qrib il Utilitajiet skrin, agħfas il Utilitajiet buttuna mill-ġdid.**

Clean Nozzles

Tnaddaf il linka skartoċċ żennuni

Adjust Label

Tippermetti int għal aġġusta il tikketta midja triq għal tiżgura dak tikketta kontenut huwa sewwa iċċentrat fuq il tikketta.

Dark Print: Off / On

Settijiet skur stampar ta ' iswed test għal mitfi jew fuq.

Print My Badge

Stampi a utent badge għal il utent min huwa bħalissa illoggjat fi.

Calibrate Screen

Kalibra il tmiss iskrin.

Network

Tippermetti int għal ikkonfigura il netwerk settings.

Copy Logs

Kopji sistema zkuk għal a USB flash issuq dak huwa mdaħħal fi il tmiss iskrin USB port 1.

Clear Errors

Tħassar sistema żbalji. Dan issettjar għandu biss tkun użat minn sistema amministraturi wara il żbalji huma b'attenzjoni riveduti.

Manage Features

Tippermetti int għal żid SLS karatteristiċi.

Jaġġusta il tmiss iskrin luminożità.

Jaġġusta il awdjo volum.

Clearing a Tikketta Ġamm

1. Neħħi tiegħek ingwanti.

2. Miftuħa il quddiem u fuq wara għatas.

3. Identifika il lokazzjoni ta ' il tiġġammja midja u użu il xieraq proċedura hawn taħt.

Clearing a Tikketta Ġamm fi il Quddiem Midja Gwida

1. Bil-mod neħħi il tikketta midja minn taħt il quddiem gwida minn ġbid sa il tikketta midja qrib il linka ġarr.

ATTENZJONI: Anull tqaxxir sa a tikketta fi il midja triq. Int jista ' jkollhom għal iġbed il midja quddiem permezz il cutter għal evita tqaxxir a tikketta. Jekk a tikketta huwa imqaxxar sa fi il midja triq, agħmel mhux agħfas il kolla ġenb ta ' il tikketta kontra il folja metall gwidi.

2. Uża imqass għal maqtugħa il inforra bejn żewġ tikketti minn il linka ġarr għal jippermettu int għal neħħi il tiġġammja tikketta midja.

Jekk meħtieġ, agħfas il Tagħbija buttuna għal bil-quddiem il tikketta midja.

NOTA: Imqass huma irrakkomandat għal qtugħ il inforra hekk dak il tikketta midja se jkollhom a dritta tarf. Il dritta tarf se jagħmlu tagħbija il tikketta midja aktar faċli.

3. **Bil-mod neħħi il tiġġammja porzjon ta ' il tikketta midja.**

4. **Reviżjoni il strixxa ta ' tikketti. Għamla żgur dak int jista ' kont għal kollha ta ' il tikketti u dak le tikketti huma mwaħħla fi il quddiem midja gwida. Armi il bil-ħsara tikketta midja.**

5. **Jekk porzjonijiet ta ' il tikketta midja huma għadu tiġġammja fi il midja triq, qawwa mitfi il sistema (irreferi għal "Għalaq u Qawwa Mitfi"). Uża mhux metalliku pinzetta u b'attenzjoni neħħi kwalunkwe addizzjonali tikketta midja minn il midja triq.**

6. **Agħfas il Ħatt buttuna għal bil-maqlub kwalunkwe porzjon ta ' il tikketta midja dak huwa għadu fi il midja triq.**

7. **Spezzjona il tikketta midja. Uża imqass għal maqtugħa mitfi kwalunkwe bil-ħsara tikketti.**

8. **Agħlaq il quddiem tkopri, tagħbija il tikketta midja, u qrib il fuq wara għata.**

Clearing a Tikketta Ġamm fi il Wara Midja Gwida

1. **Identifika il lokazzjoni ta ' il tiġġammja midja taħt il fuq wara midja gwida.**

Il fuq wara midja triq jista ' tkun espost minn bl-użu il thumb viti għal neħħi il fuq wara midja gwida għata.

2. **Uża imqass għal maqtugħa il inforra bejn żewġ tikketti minn il linka ġarr. Dan se naqqas il numru ta ' tikketti qed miġbud lura permezz il midja triq.**

3. **Bil-mod neħħi il maqtugħa porzjon ta ' il tikketta midja minn il quddiem midja gwida u armi dan.**

4. Uża imqass għal maqtugħa il inforra bejn il tiġġammja porzjon ta ' il tikketta midja u il tikketta midja roll.

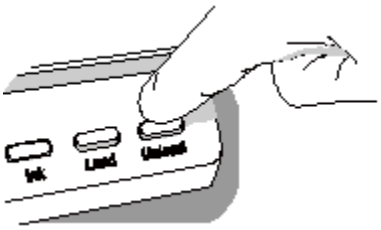
NOTA: Imqass huma irrakkomandat għal qtugħ il inforra hekk dak il tikketta midja se jkollhom a dritta tarf. Il dritta tarf se jagħmlu tagħbija il tikketta midja aktar faċli.

5. Bil-mod neħħi il tiġġammja porzjon ta ' il tikketta midja.

ATTENZJONI: Anull tqaxxir sa a tikketta fi il midja triq. Jekk a tikketta huwa imqaxxar sa fi il midja triq, agħmel mhux agħfas il kolla ġenb ta ' il tikketta kontra il folja metall gwidi.

6. Reviżjoni il strixxa ta ' tikketti. Għamla żgur dak int jista ' kont għal kollha ta ' il tikketti u dak le tikketti huma mwaħħla fi il fuq wara midja gwida. Armi il bil-ħsara tikketta midja.

7. Jekk porzjonijiet ta ' il tikketta midja huma għadu tiġġammja fi il midja triq, qawwa mitfi il sistema (irreferi għal "Għalaq u Qawwa Mitfi"). Uża mhux metalliku pinzetta u b'attenzjoni neħħi kwalunkwe addizzjonali tikketta midja minn il midja triq.



8. Agħfas il Ħatt buttuna għal bil-maqlub kwalunkwe porzjon ta ' il tikketta midja dak huwa għadu fi il midja triq.

9. Spezzjona il tikketta midja. Uża imqass għal maqtugħa mitfi kwalunkwe bil-ħsara tikketti.

10. Agħlaq il quddiem tkopri, tagħbija il tikketta midja, u qrib il fuq wara għata.

Installazzjoni Aġġornament Pakketti

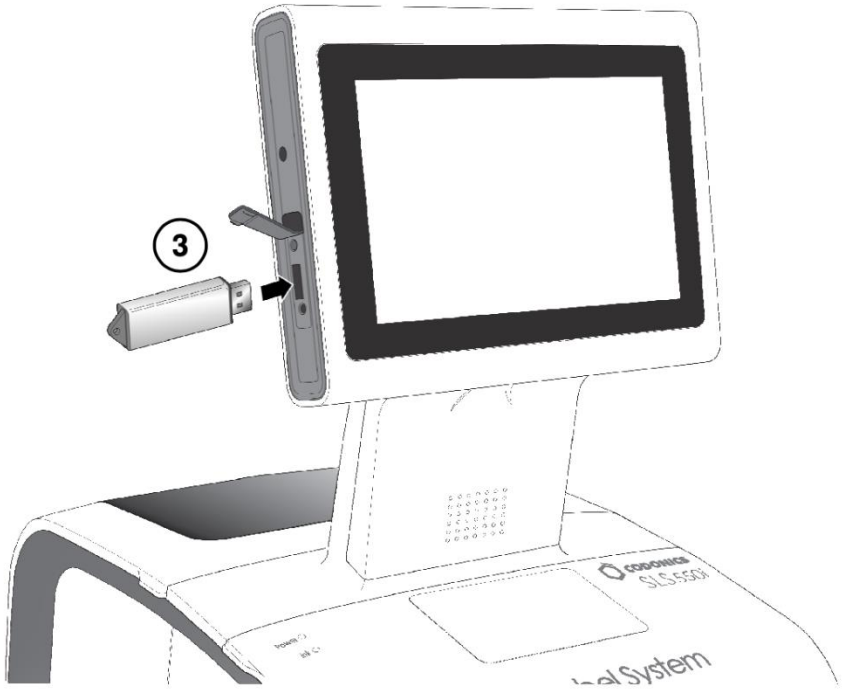
Uża dan proċedura għal manwalment installa formularju aġġornament pakketti u konfigurazzjoni aġġornamentkielu pakketti.

NOTA: Formularju u konfigurazzjoni aġġornament pakketti jista ' ukoll tkun installat mill-bogħod bl-użu il Amministrazzjoni Għodda. Għal aktar informazzjoni, irreferi għal il SLS Amministrazzjoni Għodda Tal-Utent Manwal v1.3.0.

ATTENZJONI: Installazzjoni sistema softwer għandu biss tkun mwettqa kif dirett minn Codonics Tekniku Appoġġ. Agħmel mhux attentat għal installa sistema softwer mingħajr il għajnuna ta ' Codonics Tekniku Appoġġ.

1. **Zokk maqtugħ fi.**

2. **Għamla żgur dak il SLS huwa mhux ipproċessar kwalunkwe jistampa impjiegi jew utilitajiet.**



3. **Daħħal il USB flash issuq fuq liema il aġġornament pakkett jew softwer huwa installat.**

   Int huma imħeġġa għal ikkonferma il installazzjoni.

4. **Agħfas il Iva buttuna għal kompli.**

5. **Meta il installazzjoni fajls jkollhom kien ikkupjat, neħħi il USB flash issuq.**

Meta il installazzjoni huwa komplut, il sistema jerġa 'jibda awtomatikament.

ATTENZJONI: Il SLS klijent huwa responsabbli għal tiżgura dak il korretta formolay u konfigurazzjoni pakketti huma qed installat fuq il SLS.

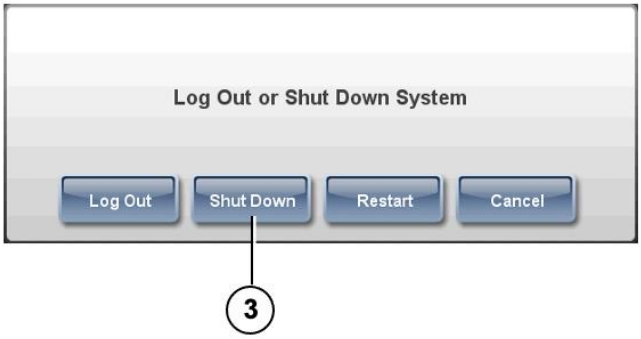
ATTENZJONI: Prattika standard informazzjoni teknoloġija (IT) prekawzjonijiet għal jipproteġi dejta assoċjat ma ' il formularju (għal eżempju, tiżgura il kontenut ta ' il USB flash issuq fuq liema il formaularju aġġornament pakkett huwa maħżun).

ATTENZJONI: Il SLS klijent huwa responsabbli għal il eżattezza ta ' il dejta fi il formularju, inkluż droga dejta dak għandu kien ikkupjat minn parti terza droga dejtabejżis.

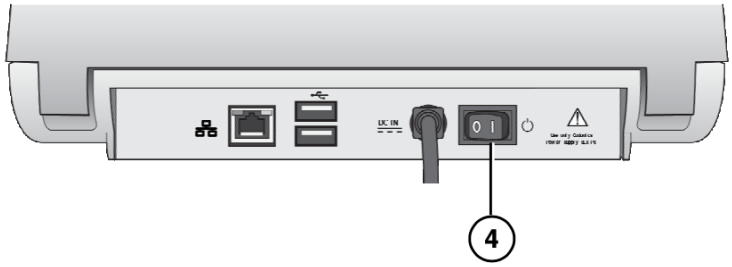
Għalaq u Qawwa Mitfi

1. Għamla żgur kollha jistampa impjiegi jkollhom tlestew.

2. Agħfas il Zokk maqtugħ Barra buttuna.



3. Agħfas il Għalaq Isfel buttuna.



4. Meta għalaq huwa komplut, dawwar mitfi il Qawwa swiċċ.

Issolvi l-problemi

Problema: Ibda tfalli.

- **Iċċekkja il esterni qawwa provvista u kejbils.**
- **Iċċekkja il qawwa swiċċ fuq il fuq wara panel.**
- **Ivverifika dak il SmartDrive huwa konnessi.**

Problema: Sistema se mhux qawwa fuq.

- **Ibdel il esterni qawwa provvista.**

Problema: Idħol tfalli.

- **Ivverifika il utent isem.**
- **Ivverifika il PIN.**
- **Ivverifika dak il utent badge huwa korretta u dak tagħha barcode kwalità huwa sodisfaċenti.**

Problema: Il tmiss iskrin ma mhux twieġeb sewwa meta mimsus.

- **Mexxi il Ikkalibra Skrin utilità.**

Problema: Il formularju tfalli għal tagħbija jew huwa invalidu.

- **A ġdid formularju aġġornament pakkett jista ' jkollhom għal tkun maħluqa u mgħobbi. Ara tiegħek SLS sistema amministratur.**

Problema: A droga kontenitur falliet verifika.

- **Il droga jista ' jkollhom għal tkun miżjud għal jew ikkoreġut fi il formularju.**
- **Għamla żgur dak il barcode fuq il droga huwa ta ' tajjeb kwalità.**
- **ATTENZJONI: Dan huwa a serios kwistjoni. Innotifika tiegħek SLS sistema amministratur.**

Problema: A test tikketta jew siringa tikketta għamilt mhux jistampa sewwa.

- **Armi il tikketta u Ipprova mill-ġdid.**
- **Jekk il tikketta jistampa kwalità huwa ħażin: Mexxi il Nadif Żennuni utilità, Ibdel il linka skartoċċ, u Ibdel il tikketta midja.**
- **Jekk il jistampa huwa mhux allinjat sewwa fuq il tikketta, ġirja il Aġġusta Tikketta utilità.**
- **Jekk il ħażin droga informazzjoni huwa stampati fuq il tikketta, il droga jista ' jkollhom għal tkun ikkoreġut fi il formularju. Ara tiegħek SLS sistema amministratur.**
- **ATTENZJONI: Dan huwa a serju kwistjoni. Innotifika tiegħek SLS sistema amministratur.**

Problema: Il barcode skaner huwa mhux skannjar.

- **Għamla żgur il barcode huwa sewwa pożizzjonat. Il aħmar xagħar trasversali għandu linja sa ma ' il barcode u il kontenitur jew siringa għandu tkun kif qrib għal il quddiem għata kif possibbli.**
- **Għalaq il sistema minn il tmiss iskrin u imbagħad ċiklu qawwa għal il sistema.**
- **Għamla żgur il kwalità ta ' il barcode huwa tajjeb.**
- **Nadif il skaner ħġieġ tieqa.**
- **Il barcode simboloġija jista ' mhux tkun appoġġjat. Kuntatt Codonics Tekniku Appoġġ (+1 440.243.1198)**

Problema: Il tikketta midja huwa tiġġammja.

- **Ċara il tikketta ġamm. Irreferi għal "Clearing a Tikketta Ġamm ".**

Problema: Il SLS se mhux qabbad għal il netwerk.

- **Ivverifika dak il Ethernet kejbil jew Wifi adapter huwa konnessi.**
- **Ivverifika dak il SLS netwerk settings huma konfigurati sewwa.**

NOTA: Għal addizzjonali issolvi l-problemi kwistjonijiet, irreferi għal il Safe Label System Tal-Utent Manwal.