

Sterilization Labeling System



User Guide

BEFORE YOU START

About This Document

The SteriDate2 Labeling System is available in two options:

- SteriDate2 Stand-Alone – For use as a self-service kiosk
- SteriDate2 for PC – For use on a PC workstation

This document contains easy to follow instructions on how to setup, operate and maintain both systems. We suggest reviewing all its sections before starting.

Proprietary Statement

The SteriDate software and this manual are proprietary products of MedVantage Inc. and are protected by United States and foreign copyright laws. The manual is intended solely for the information and use of parties setting up, operating and maintaining the system described herein and may not be used, reproduced, or disclosed to any other parties for any other purpose without the express written permission of MedVantage, Inc.

Liability Disclaimer

MedVantage takes steps to ensure that it's published specifications and manuals are correct; however, errors do occur. MedVantage reserves the right to correct any such errors and disclaims liability resulting therefrom.

Data Backup

MedVantage is not responsible for any loss of data entered into the system. We suggest using the Backup tool found under Windows Settings. The backup should include the folder containing the SteriDate data files and the folder where the SteriDate application is installed.

Product Improvements

Continuous improvement of products is a policy of MedVantage. All specifications and designs are subject to change without notice.

Limitation of Liability

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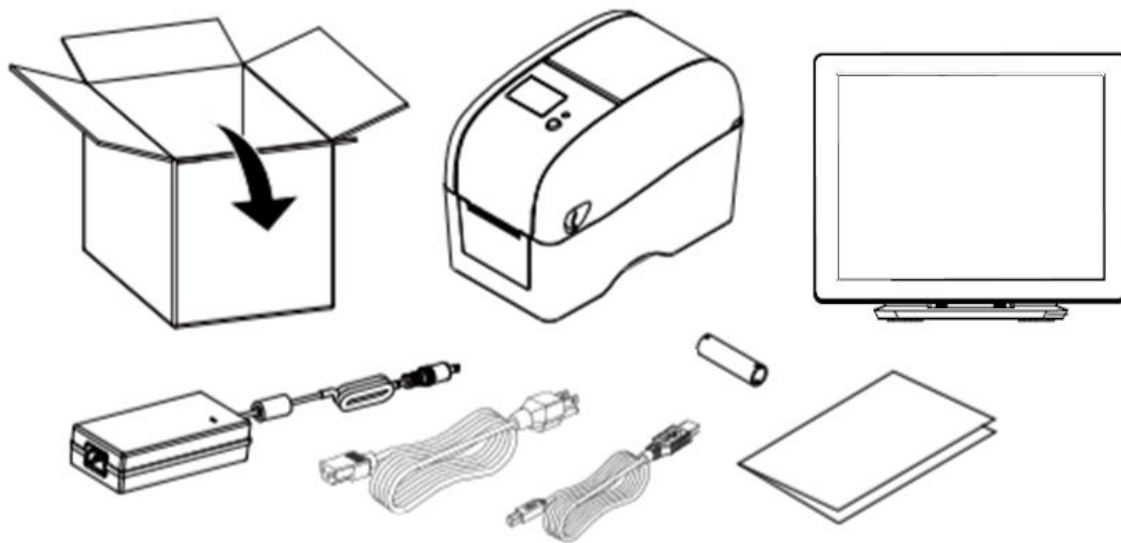
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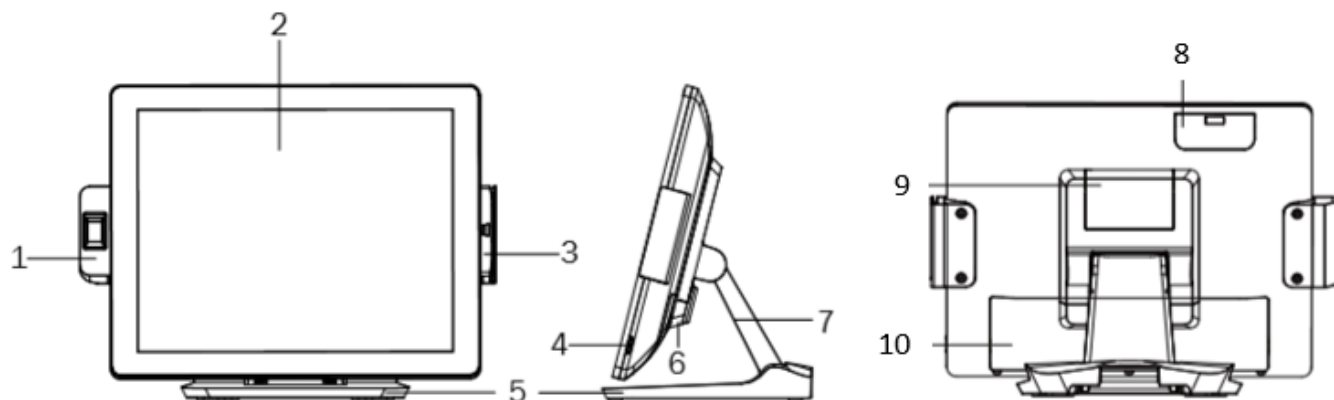
1. OVERVIEW

1.1 Unpacking

- One Printer with USB Cable, Power Supply and Power Cord (2nd Printer Optional)
- One Terminal with Power Supply and Power Cord (SteriDate2 Stand-Alone only)
- One VESA Wall Mount (Optional)
- One Cable Management Sleeve
- One USB Flash Drive with SteriDate software (SteriDate for PC only)
- This User Guide



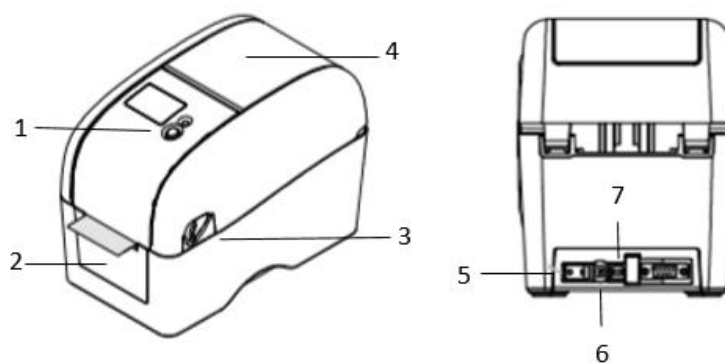
1.2 Terminal Overview



No.	Description
1	Fingerprint (option)
2	Touch screen
3	Magnetic Stripe Reader (option)
4	Power button
5	Stand

No.	Description
6	VESA bottom cover
7	Stand front cover
8	HDD Cover
9	VESA top cover
10	Cable & I/O ports cover

1.3 Printer Overview

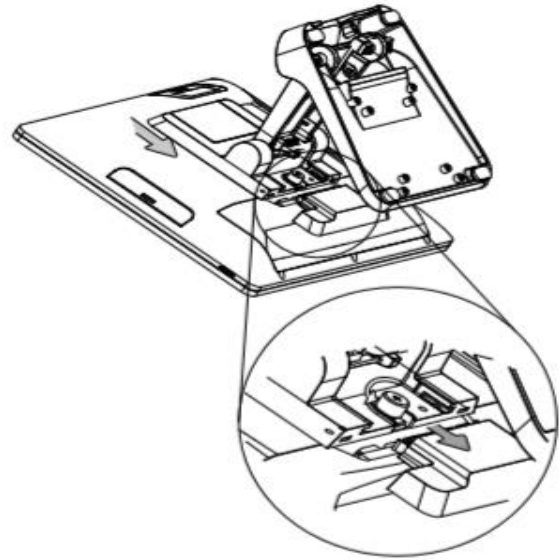


No.	Description
1	Feed button
2	Paper exit
3	Top cover open level
4	Media view window
5	Power switch
6	Power jack socket
7	USB port

2. SET UP

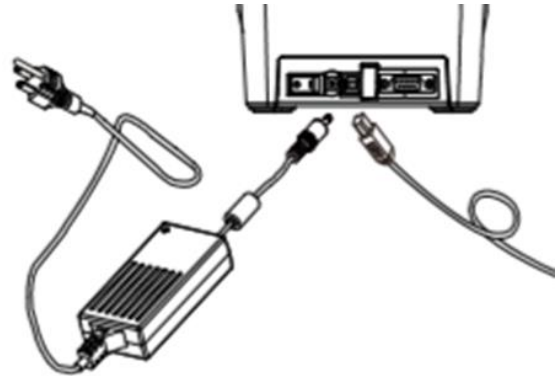
2.1 Setting Up the Terminal

1. Place the terminal on a flat, secure surface, or VESA mount.
2. To VESA mount the terminal with its articulating stand, attach the VESA mount to the bottom of the stand.
3. To VESA mount the terminal flush to the wall, slide the VESA bottom cover outwards, loosen the thumb screw and slide the stand down to release it, then attach the VESA mount to the back of terminal.
4. Plug the power cord into the power supply.
5. Plug the power cord into a properly grounded power strip or outlet.



2.2 Setting Up the Printer(s)

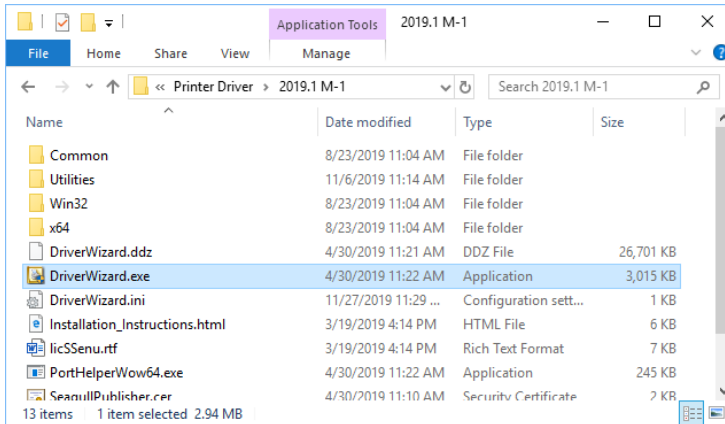
1. Place the printer on a flat, secure surface.
2. Connect the USB cable labeled **P1** from the terminal to the USB port on the back of the printer labeled **P1**.
3. Make sure the power switch is set to **OFF**.
4. Plug the power supply into the printer.
5. Plug the power cord into the power supply.
6. Plug the power cord into a properly grounded power strip or outlet.
7. Set the power switch to **ON**.
8. Repeat these steps to connect a second printer labeled **P2**.



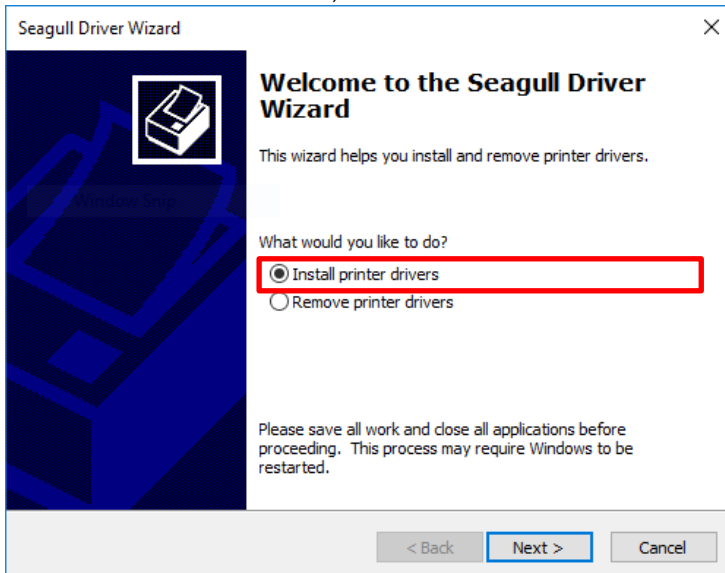
2.3 Installing the Printer Drivers

Note: On the SteriDate Stand-Alone system, the printers and their drivers come pre-installed.

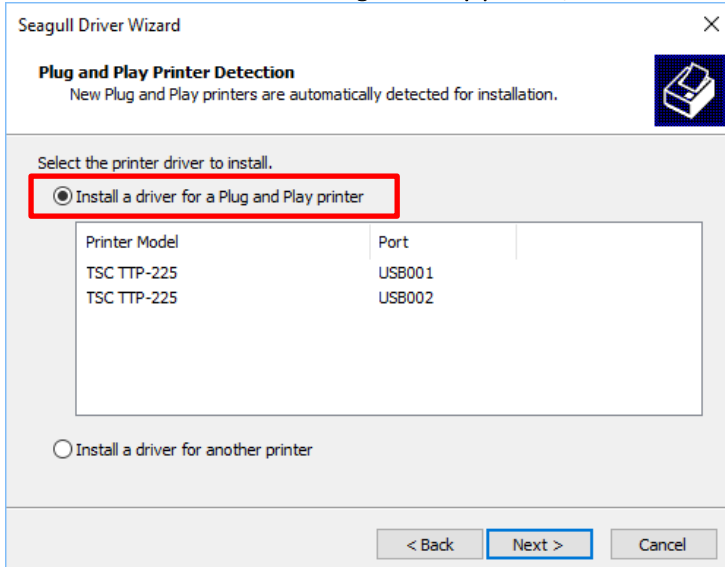
1. Set the printer power switch **OFF**, connect the USB cable, and then set the printer power switch **ON**.
2. Open the folder containing the SteriDate software, navigate to the **Printer Driver > 2019.1 M1** folder and then double click on the **DriverWizard.exe** file.



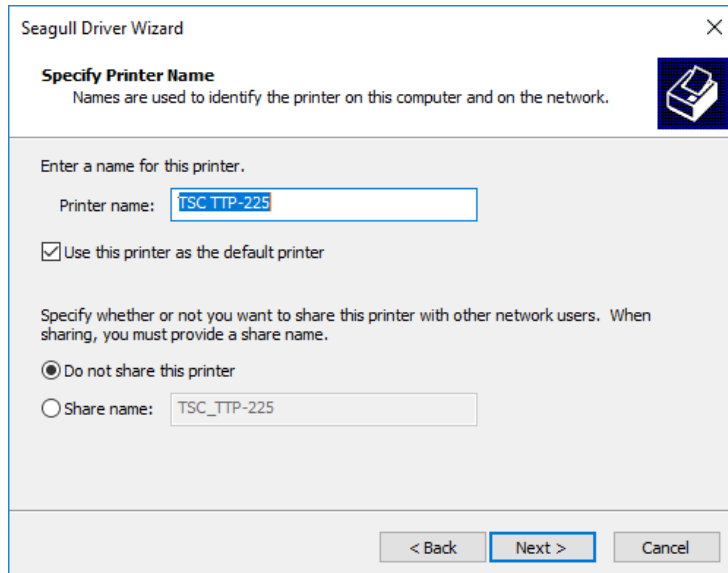
3. Select **Install Printer Drivers**, and then click **Next**.



4. Select **Install a driver for a Plug and Play printer**, then click **Next**.



5. Click **Next**.



The 'Specify Printer Name' window in the Seagull Driver Wizard. It has a title bar with 'Seagull Driver Wizard' and a close button. The main area has a header 'Specify Printer Name' with a printer icon and a sub-header 'Names are used to identify the printer on this computer and on the network.' Below this, it says 'Enter a name for this printer.' and 'Printer name:' followed by a text box containing 'TSC TTP-225'. There is a checked checkbox 'Use this printer as the default printer'. Below that, it says 'Specify whether or not you want to share this printer with other network users. When sharing, you must provide a share name.' There are two radio buttons: 'Do not share this printer' (selected) and 'Share name:' followed by a text box containing 'TSC_TTP-225'. At the bottom are three buttons: '< Back', 'Next >', and 'Cancel'.

Seagull Driver Wizard

Specify Printer Name
Names are used to identify the printer on this computer and on the network.

Enter a name for this printer.

Printer name: TSC TTP-225

☒ Use this printer as the default printer

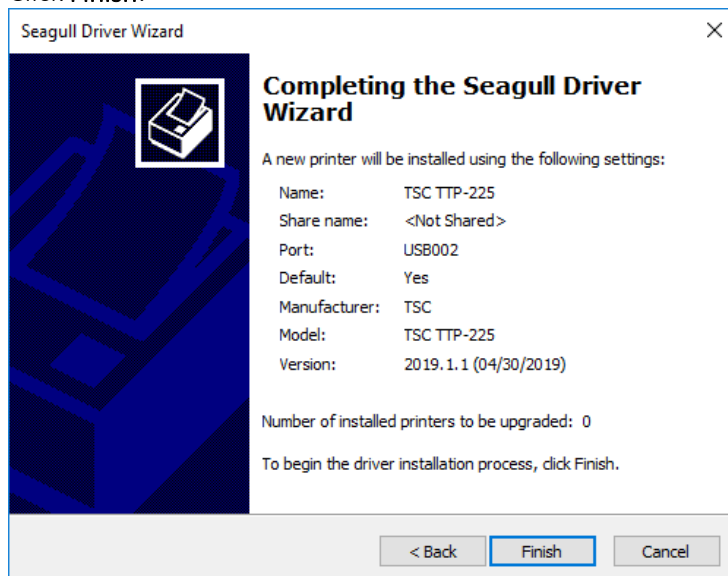
Specify whether or not you want to share this printer with other network users. When sharing, you must provide a share name.

☒ Do not share this printer

☐ Share name: TSC_TTP-225

< Back Next > Cancel

6. Click **Finish**.



The 'Completing the Seagull Driver Wizard' window. It has a title bar with 'Seagull Driver Wizard' and a close button. The main area has a header 'Completing the Seagull Driver Wizard' with a printer icon. Below this, it says 'A new printer will be installed using the following settings:'. There is a list of settings: Name: TSC TTP-225, Share name: <Not Shared>, Port: USB002, Default: Yes, Manufacturer: TSC, Model: TSC TTP-225, Version: 2019.1.1 (04/30/2019). Below the list, it says 'Number of installed printers to be upgraded: 0' and 'To begin the driver installation process, click Finish.' At the bottom are three buttons: '< Back', 'Finish', and 'Cancel'.

Seagull Driver Wizard

Completing the Seagull Driver Wizard

A new printer will be installed using the following settings:

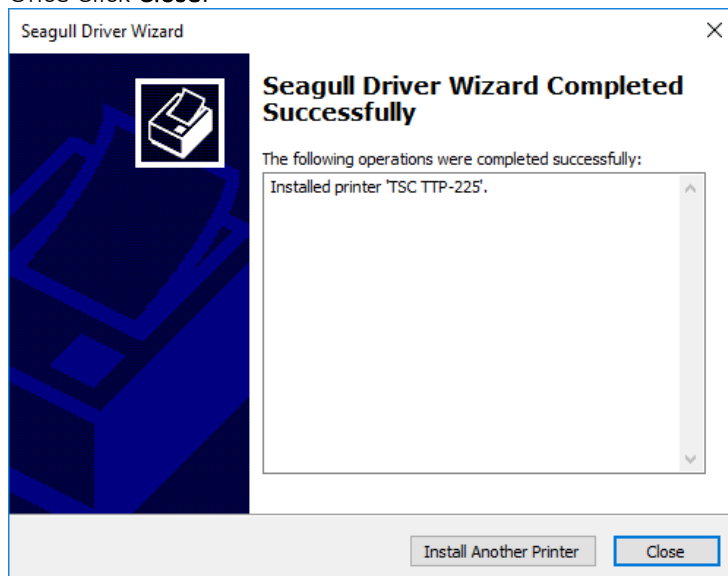
Name: TSC TTP-225
Share name: <Not Shared>
Port: USB002
Default: Yes
Manufacturer: TSC
Model: TSC TTP-225
Version: 2019.1.1 (04/30/2019)

Number of installed printers to be upgraded: 0

To begin the driver installation process, click Finish.

< Back Finish Cancel

7. Once Click **Close**.



The 'Seagull Driver Wizard Completed Successfully' window. It has a title bar with 'Seagull Driver Wizard' and a close button. The main area has a header 'Seagull Driver Wizard Completed Successfully' with a printer icon. Below this, it says 'The following operations were completed successfully:'. There is a list box containing 'Installed printer 'TSC TTP-225''. At the bottom are two buttons: 'Install Another Printer' and 'Close'.

Seagull Driver Wizard

Seagull Driver Wizard Completed Successfully

The following operations were completed successfully:

Installed printer 'TSC TTP-225'.

Install Another Printer Close

2.4 Installing the SteriDate Software

Note: The SteriDate software comes pre-installed on the SteriDate2 Stand-Alone system.

Grant of License

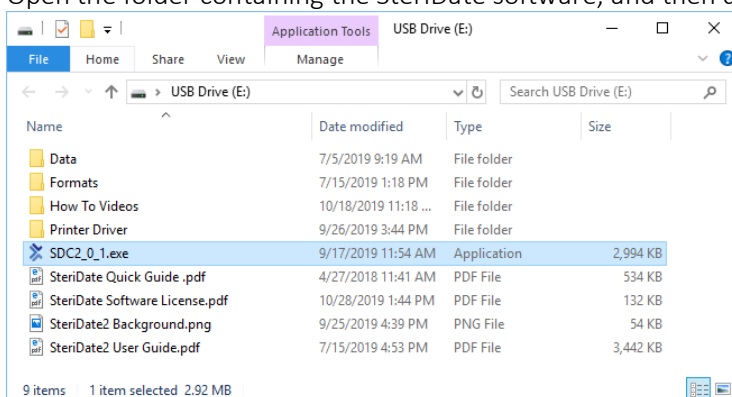
Use of the SteriDate software implies you agree to be bound by the terms of the **End User License Agreement** presented during the software installation, which include that **for each Software license key that you purchase from MedVantage, you may use the Software on one single Computer.**

System Requirements

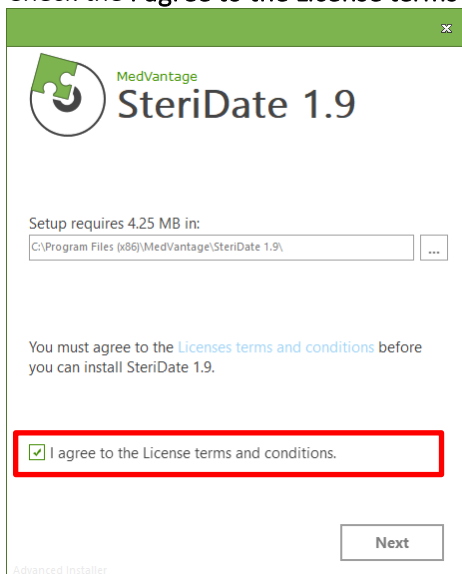
- Windows 7 or higher (64-bit or 32-bit)
- .NET Framework 4.5
- Processor: 1 GHz minimum recommended
- RAM: 1 GB minimum recommended
- Storage: 2 GB minimum recommended
- Display: Touchscreen suggested
- USB Ports: One for each SteriDate printer
- Installation: Single .EXE setup. Per-machine (admin rights required)

Starting the Install

1. Open the folder containing the SteriDate software, and then double click on the **.exe** file.



2. Check the **I agree to the License terms and conditions** checkbox, and then press **NEXT**.

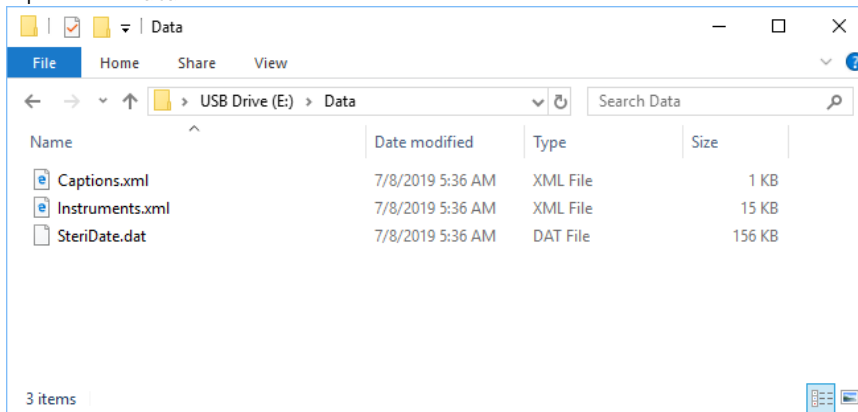


3. Enter the Serial Key, shown on your Software License in the SteriDate software folder, and press **INSTALL**.
4. Once the installation is complete, press **FINISH**.
5. To start the software, set the power switch on the printer(s) to **ON**, and then restart the terminal or PC.

2.5 Installing Data Files

To install any data files preconfigured for you by MedVantage:

1. Open the folder containing the SteriDate software.
2. Open the **Data** folder.

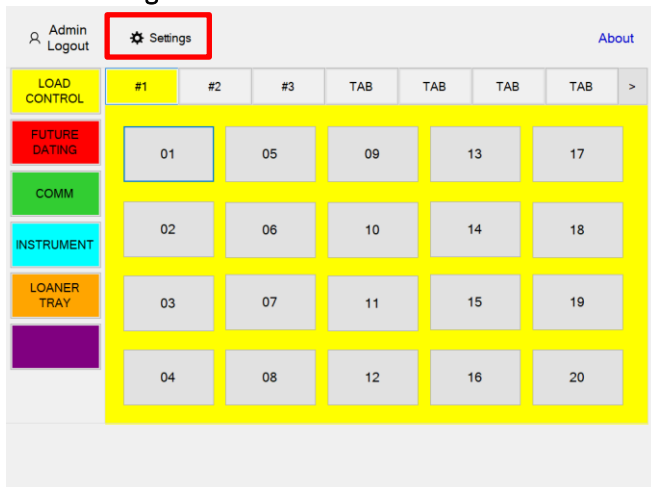


3. Copy all files with a **.dat** and a **.xml** extension, and then paste them into the C:\ProgramData\SteriDate folder.

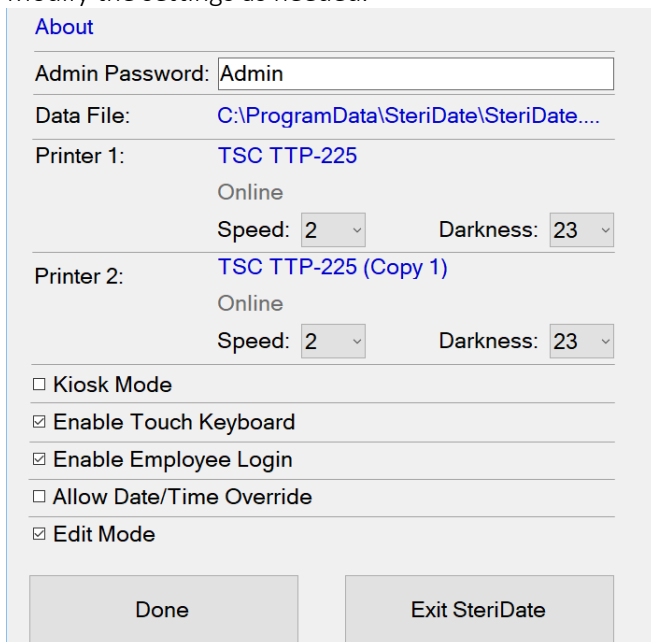
2.6 Adjusting the Settings

The Administrator's Password is required to access the settings. These settings control the appearance and behavior of the program, printer settings and user options.

1. Press **Login**. Enter the Administrator's Password (default is Admin, case sensitive), and then press **Enter**.
2. Press **Settings**.



3. Modify the settings as needed.



4. To return to the main screen, press **Done** to return to the main screen.
5. To close the application, press **Exit SteriDate**.

Admin Password: Required to access the Settings. This password can be changed and is case sensitive.
Default: Admin

Data File: The path and name of the SteriDate data file which stores all the labels.
Default: C:\Program Data\SteriDate\SteriDate.dat.

Printer 1 and Printer 2: The selected printer and its status (Online, Offline, Not Installed).
Default Names: TSC TTP-225 and TSC TTP-225 (Copy 1)
Default Speed: 2
Default Darkness: 23

Kiosk Mode: Check this box to prevent users from exiting the SteriDate application - recommended when using a SteriDate Terminal or Tablet.
Uncheck this box to use SteriDate as a standard desktop application - recommended when using a desktop PC.
Default: Checked

Enable Touch Keyboard: Check this box to enable use of the on-screen touch keyboard - recommended when using a SteriDate Terminal or Tablet.
Uncheck this box to only use an attached keyboard and mouse - recommended when using a desktop PC.
Default: Checked

Enable Employee Login: Check this box to require users log in in order to print labels.
Default: Checked

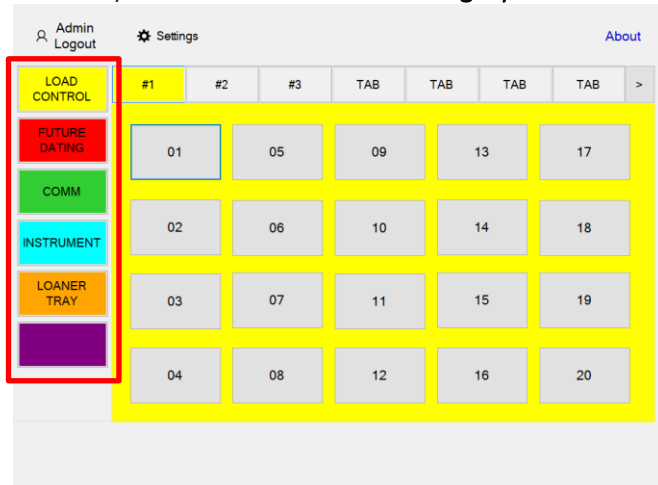
Allow Date/Time Override: Check this box to allow users to modify dates and times before printing labels.
Default: Unchecked

Edit Mode: Check this box to modify Category Settings and create new labels. Uncheck this box to resume normal Print Mode. The system automatically goes into Edit Mode when the Admin logs in and resumes Print Mode when the Admin logs off.
Default: Unchecked

2.7 Adjusting Category Properties

Category Properties include the text shown on the Category button, Tab Names, label format, and printer (P1 or P2). These properties are saved in the data file, which may have been preconfigured for you by MedVantage.

1. Press **Login**. Enter the Administrator's Password (default is Admin, case sensitive), and then press **Enter**.
2. Press any of the five color-coded **Category** buttons.



3. Modify the settings as needed.

4. Press **Done**.

Button Caption: The text shown on the Category button. Prints on some label formats. See the *Label Formats* section.

Category Mode: Controls how each Category functions.

- **Buttons:** Select a **Button** to print labels. Use for Load Control w/Load No., Cycle Count, Sequencing, Future Dating and Communication label formats.
- **Tabs:** Select a **Tab** to print labels. Use for Load Control w/Cycle Count.
- **List:** Select items from a list to print labels. Use for Peel Pack and Instrument labeling.

Group: Use to organize a list of items in up to 6 different groups. For example, group items by Vendor, Location, or Surgeon.

Label Format: The label format number assigned to that Category. See the *Label Formats* section.

Printer 1 or 2: The label printer assigned to that Category.

Heading Style: Determines how the Header is printed. Only applies to label formats show (*Header*) in their specifications. See the *Label Formats* section.

- **Reverse:** Header prints in reverse, inside a solid black box. (Default)
- **Outline:** Header prints normal, inside an outlined black box.

Default Label Caption: Prints on the label if the Label Caption on the Item Properties is blank. Only applies to label formats that use the Label Caption field. See the *Label Formats* section.

Default Department: Prints on the label if the Department on the Item Properties is blank. Only applies to the label formats that use the Department field. See the *Label Formats* section.

Label Message: Prints on label formats that use the Label Message field. See the *Label Formats* section.

Tab Names: The text shown on each Tab. Prints on label formats that use the Tab Name field. See the *Label Formats* section.

Custom Field Names: Custom fields you can define. When printing labels, the user will be prompted to enter the data for these fields. Only applies to the label formats that use the Custom Fields. See the *Label Formats* section.

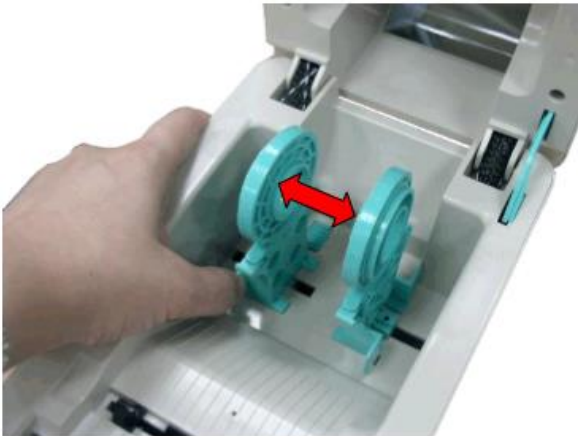
3. OPERATION

3.1 Loading Labels

1. Open the printer top cover by pulling the tabs located on each side towards the front of the printer, and then lift the top cover to the maximum open angle.



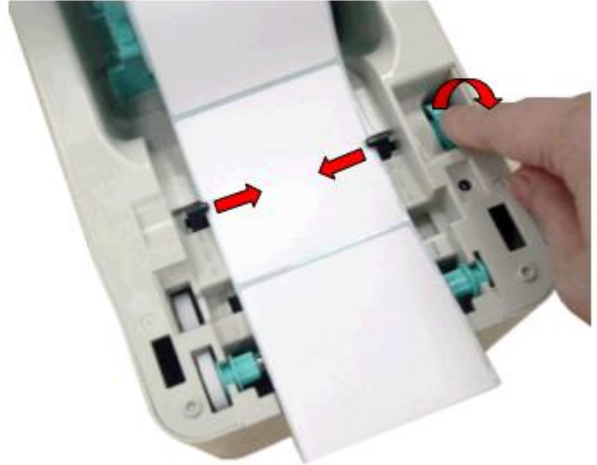
2. Separate the media holders to the label roll width.



3. Place the paper, printing side face up, through the media guides, media sensor and place the label leading edge onto the platen roller.



4. Move the media guides to fit the label width by turning the media guide adjuster knob.



5. Hold the top cover and press the top cover support to disengage the top cover support with lower inner cover. Gently close the top cover. Make sure the cover latches securely.

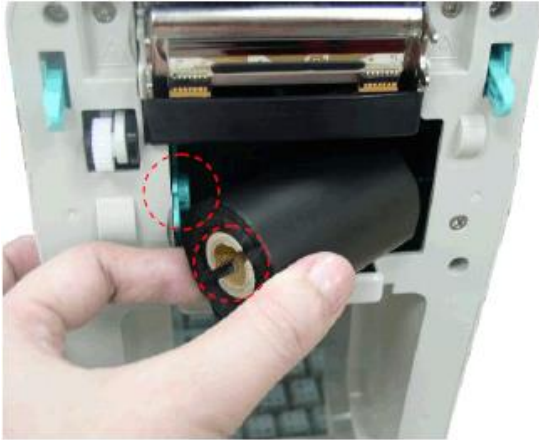


3.2 Loading the Ribbon

1. Open the printer top cover by pulling the tabs located on each side towards the front of the printer, and then lift the top cover to the maximum open angle.



2. Insert the ribbon right side onto the supply hub. Align the notches on the left side and mount onto the spokes.



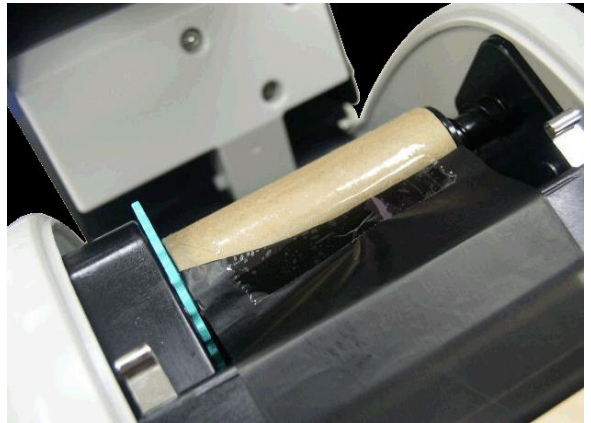
3. Open the ribbon access cover.



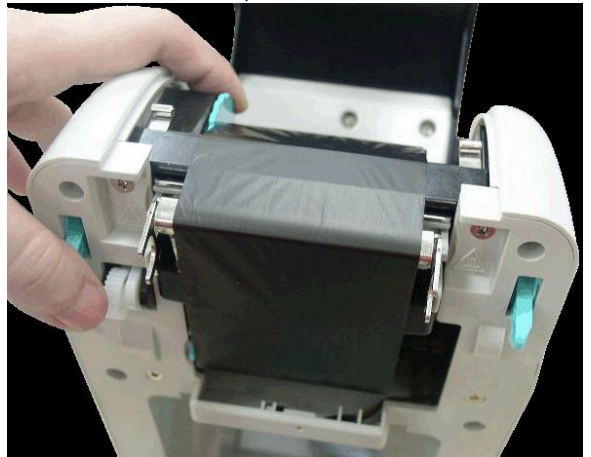
4. Insert the rewind core right side onto the rewind hub.



5. Pull the leading ribbon to pass the print head. Stick the ribbon onto the ribbon rewind core.



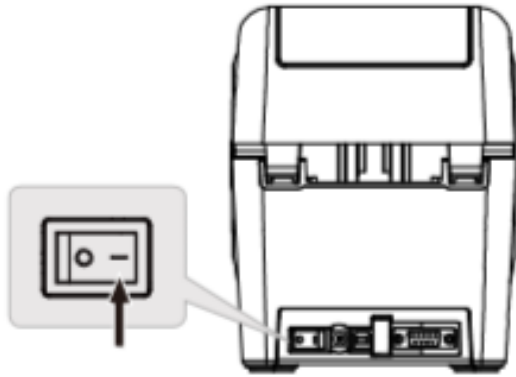
6. Turn the ribbon rewind gear until the ribbon plastic leader is thoroughly wound and the black section of the ribbon covers the print head.



7. Close the ribbon access cover and the top cover.

3.3 Starting the System

1. Set the power switch located on the back of the printer(s) to **ON**.



2. Restart the terminal or PC. On the terminal, the power button is located on the right side of the screen.



3. Once the terminal starts and the main screen is displayed, the system is ready for use.

3.4 Printing Load Labels

1. Press **Login**. Enter your Employee ID, and then press **Enter**.
2. Press **Load Control**. Select a sterilizer, and then select a load number.

CDV
Logout

About

LOAD CONTROL

#1 #2 #3 TAB TAB TAB TAB >

FUTURE DATING

COMM

INSTRUMENT

LOANER TRAY

01 05 09 13 17

02 06 10 14 18

03 07 11 15 19

04 08 12 16 20

3. Enter the Label Caption. Begin typing any portion to select from a previously saved list.

Label Caption: STERILIZED X

Date: 07/08/19 Exp: 07/07/20

Print Quantity: 13

1 2 3 Backspace

4 5 6 CE

7 8 9

0 Cancel Print

4. Enter the Print Quantity (number of labels to print) and then press **Print**.

3.5 Printing Instrument Labels

1. Press **Login**. Enter your Employee ID and press **Enter**.
2. Press **Instrument**.

CDV Logout About

LOAD CONTROL #1 #2 #3 TAB TAB TAB TAB >

FUTURE DATING

COMM

INSTRUMENT

LOANER TRAY

01	05	09	13	17
02	06	10	14	18
03	07	11	15	19
04	08	12	16	20

3. Enter the Description. Begin typing any portion to select from a previously saved list.

Enter Description

Intesl

- Intestinal Clamp/Glassmen Intestinal #1
- Intestinal Clamp/Glassmen Intestinal #2
- Intestinal Clamp/Glassmen Intestinal #3
- Intestinal Clamp/Glassmen Intestinal #4

1 2 3 4 5 6 7 8 9 0 - = Back

q w e r t y u i o p [] \

Caps a s d f g h j k l ; ' Enter

Shift z x c v b n m , . / Shift

Clear Cancel

4. Enter or edit the data as needed.

Description Intestinal Clamp/Glassmen Intestinal #2

Vendor

ID Number

Expiration Time Days Hours Minutes

Delete Cancel Print OK

5. Press **Print**.

6. Enter the Label Caption. Begin typing any portion to select from a previously saved list.

Label Caption: MAIN OR X

Date: 07/08/19 Exp: 07/08/19

Print Quantity: 3

1 2 3 Backspace

4 5 6 CE

7 8 9

0 Cancel Print

7. Enter the Print Quantity (number of labels to print) and then press **Print**.
8. The Instrument data is saved for later use.

3.6 Printing Loaner Tray Labels

1. Press **Login**. Enter your Employee ID and press **Enter**.
2. Press **Loaner Tray** and then select a Surgeon.

The screenshot shows the main application window. On the left, there is a sidebar with buttons: LOAD CONTROL, FUTURE DATING, COMM, INSTRUMENT, and LOANER TRAY. The LOANER TRAY button is highlighted with a red box. The main area displays a grid of buttons for Surgeon (GOLDSMITH, LOPEZ) and Vendor (BIOMET). The GOLDSMITH button is highlighted with a red box.

3. Enter the Department, Vendor and Procedure. Begin typing any portion to select from a previously saved list.

The screenshot shows the 'Loaner Tray Properties' dialog box. The 'Surgeon' field is set to 'GOLDSMITH', 'Vendor' to 'BIOMET', 'Department' to 'ORTHO', and 'Procedure' to 'SPINE'. The 'Sets' list is highlighted with a red box. The 'Sets' list contains the following items: FIXED ANGLE SCREW CADDY, ILIAC SCREW TRAY, REDUCTION SCREWS, STANDARD INSTRUMENT KIT A-1, STANDARD INSTRUMENT KIT A-2, STANDARD INSTRUMENT KIT B-1, and STANDARD INSTRUMENT KIT B-2.

4. Select trays from the list or press **New** to create a new tray.
5. To print labels for multiple sets of the same tray, press **Sets**.
6. Press **Print**.

The screenshot shows the 'Loaner Tray Properties' dialog box. The 'Sets' list is highlighted with a red box. The 'Print' button is highlighted with a red box. The 'Sets' list contains the following items: FIXED ANGLE SCREW CADDY, ILIAC SCREW TRAY, REDUCTION SCREWS, STANDARD INSTRUMENT KIT A-1, STANDARD INSTRUMENT KIT A-2, STANDARD INSTRUMENT KIT B-1, and STANDARD INSTRUMENT KIT B-2.

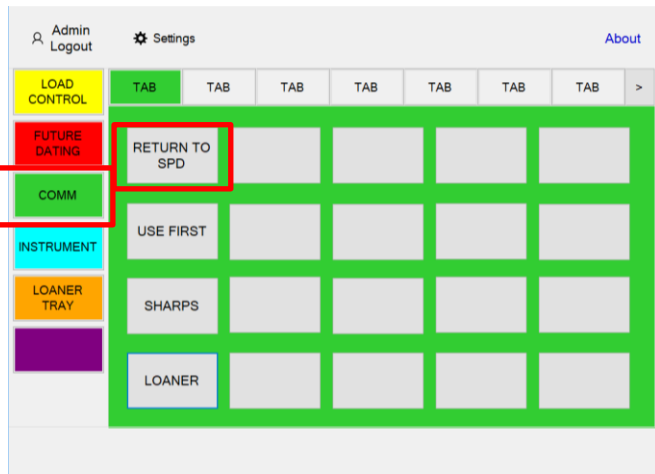
7. Enter the Label Caption. Begin typing any portion to select from a previously saved list.

The screenshot shows the 'Loaner Tray Properties' dialog box. The 'Label Caption' field is set to 'LOANER' and the 'Surgery Date' is set to '07/08/2019'. The 'Print Quantity' field is set to '1'. The 'Print' button is highlighted with a red box.

8. Enter the Print Quantity (number of labels to print) and then press **Print**.

3.7 Creating New Labels

1. Press **Login**. Enter the Administrator's Password (default is Admin, case sensitive), and then press **Enter**.
2. Press **Communication** and then select a button.



3. Enter the Button Properties and the press **OK**.
Note: This screen may vary depending on the label format you are using.

Button Caption:

Description 1:

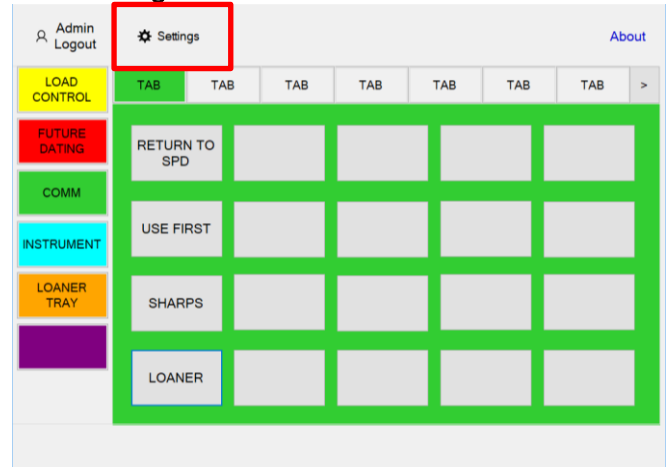
Description 2:

Description 3:

Label Caption:

Expiration Time: Days Hours Minutes

4. Press **Settings**.



5. Uncheck **Edit Mode** to resume Print Mode.

About

Admin Password:

Data File:

Printer 1:
Online
Speed: Darkness:

Printer 2:
Not installed
Speed: Darkness:

☐ Kiosk Mode

☒ Enable Touch Keyboard

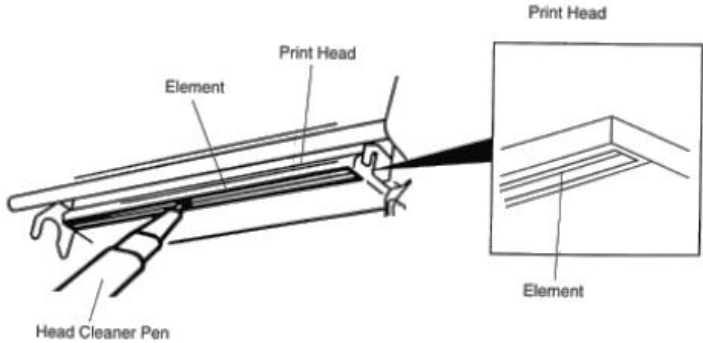
☒ Enable Employee Login

☒ Allow Date/Time Override

☐ Edit Mode

6. Press **Done**.

4. MAINTENANCE

Part	Frequency	Method
Printer Print Head	Recommended when changing a label roll.	<ol style="list-style-type: none"> 1. Turn off the printer. 2. Allow the print head to cool down for one minute. 3. Use a Head Cleaner Pen or a cotton swab and 100% ethanol to clean the print head surface. <p>IMPORTANT: Do not touch printer head by hand. Use 100% Ethenol. DO NOT use medical alcohol, which may damage the printer head.</p> 
Printer Platen Roller	Recommended when changing a label roll.	<ol style="list-style-type: none"> 1. Turn off the printer. 2. Rotating the platen roller, use a cotton swab and 100% ethanol to clean it.
Printer Gap Sensor	Monthly	Compressed air or vacuum.
Printer Exterior	As needed	Wipe with water-dampened cloth.
Printer Interior	As needed	Brush or vacuum.
Tablet or Terminal Exterior	As needed	<p>Wipe with soft, lint-free cloth.</p> <p>Caution: Do not use sharp objects or abrasive cleaners; they can cause damage.</p>

5. TROUBLESHOOTING

Problem	Symptoms	Recovery
Printer	Not printing.	<ol style="list-style-type: none"> 1. Verify the USB cable is connected, and the printer has power. See <i>Setting Up the Printer(s)</i>. 2. Verify the printer is installed and online. See <i>Adjusting the Settings</i>. 3. Verify the correct printer and format are selected. See <i>Adjusting Category Properties</i>. 4. Restart the system. See <i>Starting the System</i>.
Printer	Nothing prints on the label.	<ol style="list-style-type: none"> 1. Remove any stuck labels. 2. Reload the label roll. See <i>Loading Labels</i>. 3. Reload the ribbon. See <i>Loading the Ribbon</i>.
Printer	<ol style="list-style-type: none"> 1. Skipping labels. 2. Continuous feeding labels. 	<ol style="list-style-type: none"> 1. Re-calibrate the gap sensor. See <i>To calibrate the Label Gap Sensor</i>.
Printer	Paper jam.	<ol style="list-style-type: none"> 1. Remove any stuck labels. 2. Reload the label roll. See <i>Loading Labels</i>. 3. Reload the ribbon. See <i>Loading the Ribbon</i>. 4. Re-calibrate the gap sensor. See <i>To calibrate the Label Gap Sensor</i>.
Printer	Poor print quality.	<ol style="list-style-type: none"> 1. Clean the print head. See <i>Maintenance</i>. 2. Reload the label roll. See <i>Loading Labels</i>. 3. Reload the ribbon. See <i>Loading the Ribbon</i>. 4. Re-calibrate the gap sensor. See <i>To calibrate the Label Gap Sensor</i>. 5. Adjust the print speed and darkness. See <i>Adjusting the Settings</i>.
Tablet	Windows Critical Error: Start Menu and Cortana not working.	<ol style="list-style-type: none"> 1. Press Ctrl + Shift + Esc to access Windows Task Manager. 2. On the top left corner of the screen click File, and then click on New Task (Run...). 3. Type msconfig. 4. On the System Configuration window click the Boot tab. 5. Select the Safe boot box and then check the Network option. 6. Click Apply and then click Okay.
Tablet	<ol style="list-style-type: none"> 1. Tablet does not turn on or wake from sleep. 2. Tablet shows a black screen with no Surface logo. 3. Nothing happens when you press the power button. 4. The tablet appears to be turned off or in a power-saving state. 	<p>Solution 1: Press the power button once</p> <ol style="list-style-type: none"> 1. Press and release the power button on the top-left side of the tablet. 2. Note: The tablet may take a few seconds to start up or wake from sleep and display the Surface logo. 3. Place the tablet on the dock to charge the battery. 4. Note: Depending on how low the battery is, you may see a battery icon on the screen for 10 to 15 minutes before Windows starts. 5. For Surface tablets, see Install Surface and Windows updates on the Windows Surface Support website. <p>Solution 2: Force restart</p> <ol style="list-style-type: none"> 1. Press and hold the power button on the top-left side of the tablet for 30 seconds to power down the tablet. Note: The screen may flash. Continue to hold down the power button and release it after the full 30 seconds. 2. Press and release the power button on the top-left side of the tablet to turn it back on. 3. For Surface tablets, see Install Surface and Windows updates on the Windows Surface Support website.

6. PRINTER CALIBRATIONS

To calibrate the Label Gap Sensor

1. Turn off the power switch.
2. Hold on the feed button (located in the front of the printer) then turn on the power switch (Do not release feed button yet).
3. Release the feed button when LED becomes red and blinking. (Any red will do during the 5 blinks).
4. It will calibrate the gap/black mark sensor sensitivity.

Other Calibrations

Power On Utilities	The LED color will change as following pattern:						
	Amber	Red (5 blinks)	Amber (5 blinks)	Green (5 blinks)	Green/Amber (5 blinks)	Red/Amber (5 blinks)	Solid Green
Gap/Black Mark Sensor		Release					
Gap/Black Mark Sensor Self-test & enter dump mode			Release				
Printer Initialization				Release			
Set black mark sensor as media sensor and calibrate the black mark sensor					Release		
Set gap sensor as media sensor and calibrate the gap sensor						Release	
Skip AUTO.BAS							Release

7. LABEL FORMATS

This section shows all the label formats that are available in the SteriDate System. The table below shows which Applications and Label Formats are included in each of the 3 editions of the SteriDate software.

Software Edition	Applications	Label Formats
Essentials	Load Control Communication	1-10, 25 11-14, 24
Advanced	Loaner Tray Peel Pack	15-16 17-22
Complete	Load Control Communication Loaner Tray Peel Pack	1-10, 25 11-14, 24 15-16 17-22

For information on where the data comes from for each of the fields that print on each label format, see the *Label Data Sources* section below.

Format 1 – 1.2” X 1.1”

Application: Load Control

Included with Software Editions: Essentials, Complete

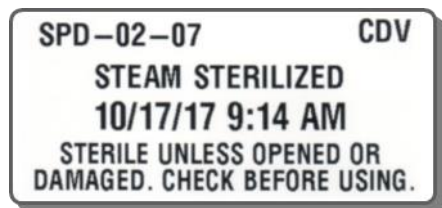


Field	Shown As	Max Print Characters
Sterilizer ID-Load Number	01-04	7
User ID	CDV	6
Label Caption	STERILIZED	10
Today's Date	10/17/17	-
Label Message	STERILE UNLESS...	60

Format 2 – 2.2” X 1.1”

Application: Load Control

Included with Software Editions: Essentials, Complete



Field	Shown As	Max Print Characters
Department-Sterilizer ID-Load Number	SPD-02-07	16
User ID	CDV	6
Label Caption	STEAM STERILIZED	20
Today's Date & Time	10/17/17 9:14 AM	-
Label Message	STERILE UNLESS...	60

Format 3 – 2.2” X 1.1”

Application: Load Control

Included with Software Editions: Essentials, Complete



Field	Shown As	Max Print Characters
Sterilizer ID	03	6
Load Number	08	5
Department	SPD	10
User ID	CDV	6
Label Caption	STEAM STERILIZED	20
Today's Date & Time	10/17/17 9:15 AM	-
Label Message	STERILE UNLESS...	60

Format 4 – 1.2” X 1.1”

Application: Load Control

Included with Software Editions: Essentials, Complete

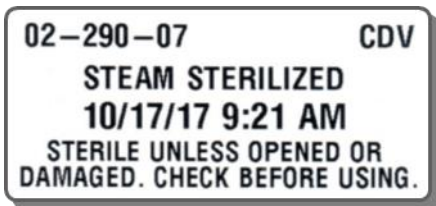


Field	Shown As	Max Print Characters
Sterilizer ID-Julian Date-Load Number	04-290-07	15
User ID	CDV	6
Label Caption	STERILIZED	10
Today's Date	10/17/17	-
Label Message	STERILE UNLESS...	60

Format 5 – 2.2” X 1.1”

Application: Load Control

Included with Software Editions: Essentials, Complete



Field	Shown As	Max Print Characters
Sterilizer ID-Julian Date-Load Number	04-290-07	15
User ID	CDV	6
Label Caption	STEAM STERILIZED	20
Today's Date & Time	10/17/17 9:21 AM	-
Label Message	STERILE UNLESS...	50

Format 6 – 2.2” X 1.1”

Application: Load Control

Included with Software Editions: Essentials, Complete



Field	Shown As	Max Print Characters
Sterilizer ID	03	6
Load Number	06	5
Julian Date	290	3
User ID	CDV	6
Label Caption	STEAM STERILIZED	20
Today's Date & Time	10/17/17 9:23 AM	-
Label Message	STERILE UNLESS...	50

Format 7 – 1.2” X 1.1”

Application: Load Control

Included with Software Editions: Essentials, Complete



Field	Shown As	Max Print Characters
Sterilizer ID-Load Number	04-07	15
User ID	CDV	6
Label Caption	STERILIZED	10
Today's Date	10/17/17	-
Fixed	EXPIRES	-
Expiration Date	10/17/17	-

Format 8 – 2.2” X 1.1”

Application: Load Control

Included with Software Editions: Essentials, Complete



Field	Shown As	Max Print Characters
Sterilizer ID	04	6
Load Number	07	5
Department	SPD	10
User ID	CDV	6
Label Caption	STEAM STERILIZED	20
Today's Date & Time	10/17/17 9:28 AM	-
Fixed	EXPIRES	-
Expiration Date & Time	10/17/18 9:28 AM	-

Format 9 – 1.2” X 1.1”

Application: Load Control

Included with Software Editions: Essentials, Complete



Field	Shown As	Max Print Characters
Cycle Count	12350	5
User ID	Admin	6
Sterilizer ID	NX100-01	10
Today's Date	10/17/17	-
Label Message	STERILE UNLESS...	60

Format 10 – 2.2” X 1.1”

Application: Load Control

Included with Software Editions: Essentials, Complete

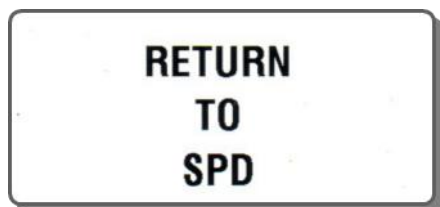


Field	Shown As	Max Print Characters
Sterilizer ID	04	6
Load Number	07	5
Cycle Count	1962	5
User ID	CDV	6
Today's Date & Time	10/17/17 9:44 AM	-
Expiration Date & Time	10/17/18 9:44 AM	-
Label Message	STERILE UNLESS...	50

Format 11 – 2.2” X 1.1”

Application: Communication

Included with Software Editions: Essentials, Complete



Field	Shown As	Max Print Characters
Description 1	RETURN	15
Description 2	TO	15
Description 3	SPD	15

Format 12 – 2.2” X 1.1”

Application: Communication

Included with Software Editions: Essentials, Complete



Field	Shown As	Max Print Characters
Description 1	LOANER	15
Description 2	TRAY	15
Description 3	RECEIVED	15
Today's Date & Time	02/27/17 4:47 PM	-
User ID	CD	6

Format 13 – 2.2” X 1.1”

Application: Communication

Included with Software Editions: Essentials, Complete



Field	Shown As	Max Print Characters
Description 1	EXPIRES ON	15
Expiration Date & Time	10/17/18 9:44 AM	-
Label Caption	RETURN TO SPD	25

Format 14 – 2.2” X 1.1”

Application: Communication

Included with Software Editions: Essentials, Complete



Field	Shown As	Max Print Characters
Description 1	DR. LORENZO	20
Description 2	IMPLANTABLE	20
Sequence Number	SET 01-03	-
Today's Date & Time	02/27/17 4:47 PM	-

Format 15 – 4.0” X 2.0” & Format 16 – 2.0” X 4.0”

Application: Loaner Tray

Included with Software Editions: Advanced, Complete


LOANER TRAY	
NUVASIVE	Knee
GOLDSMITH	Main OR – Ortho
FEMORAL TRIALS XP (SET 1 OF 2)	
SURGERY DATE: 02/21/2017	
TRAY 1 OF 2	

Field	Shown As	Max Print Characters
Label Caption (Header)	LOANER TRAY	20
Vendor	NUVASIVE	20
Procedure	Knee	15
Surgeon	GOLDSMITH	20
Department	Main OR-Ortho	15
Tray Name	FEMORAL TRAILS XP	50
Set Sequence	(SET 1 OF 2)	-
Surgery Date	02/21/2017	-
Tray Sequence	TRAY 1 OF 2	-

Format 17 – 4.0” X 2.0” & Format 18 – 2.0” X 4.0”

Application: Peel Pack

Included with Software Editions: Advanced, Complete

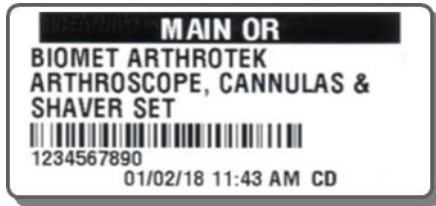
MAIN OR	
BIOMET ARTHROTEK	
ARTHROSCOPE, CANNULAS & SHAVER SET	
	
1234567890	01/02/18 12:00 PM CD

Field	Shown As	Max Print Characters
Label Caption (Header)	MAIN OR	20
Vendor	BIOMET	20
Description	ARTHROTEK ARTHROSCOPE...	50
ID Number	1234567890 (Code 128 Barcode)	20
Today's Date & Time	01/02/18 12:00 PM	-
User ID	CD	6

Format 19 – 2.2” X 1.1”

Application: Peel Pack

Included with Software Editions: Advanced, Complete

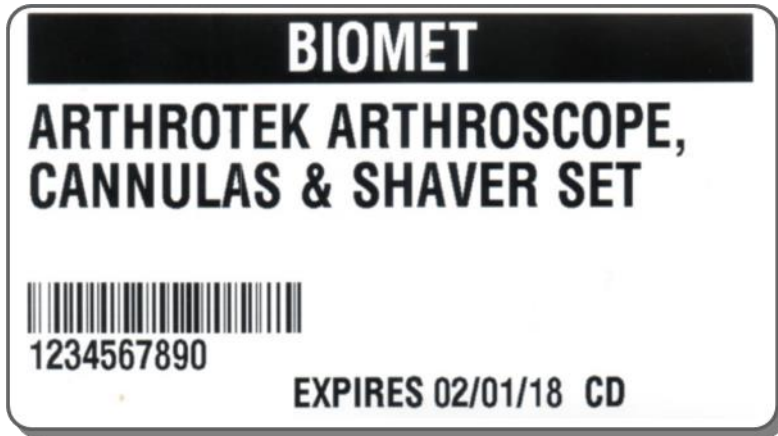


Field	Shown As	Max Print Characters
Label Caption (Header)	MAIN OR	20
Vendor	BIOMET	20
Description	ARTHROTEK ARTHROSCOPE...	50
ID Number	1234567890 (Code 128 Barcode)	15
Today's Date & Time	01/02/18 11:43 AM	-
User ID	CD	6

Format 20 – 4.0” X 2.0” & Format 21 – 2.0” X 4.0”

Application: Peel Pack

Included with Software Editions: Advanced, Complete



Field	Shown As	Max Print Characters
Vendor (Header)	BIOMET	20
Description	ARTHROTEK ARTHROSCOPE...	70
ID Number	1234567890 (Code 128 Barcode)	20
Expiration Date	02/01/18	-
User ID	CD	6

Format 22 – 2.2” X 1.1”

Application: Peel Pack

Included with Software Editions: Advanced, Complete

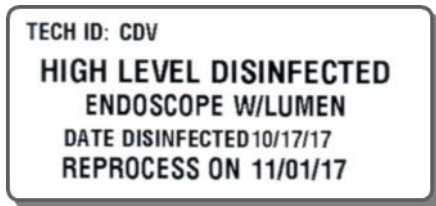


Field	Shown As	Max Print Characters
Vendor (Header)	BIOMET	20
Description	ARTHROTEK ARTHROSCOPE...	70
ID Number	1234567890 (Code 128 Barcode)	15
Expiration Date	02/01/18	-
User ID	CD	6

Format 23 – 2.2” X 1.1”

Application: Load Control

Included with Software Editions: Essentials, Complete

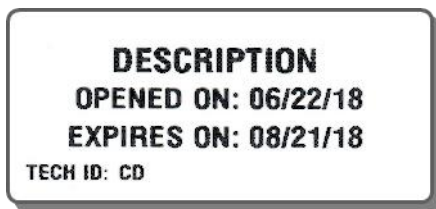


Field	Shown As	Max Print Characters
User ID	CDV	6
Label Caption	HIGH LEVEL DISINFECTED	25
Description	ENDOSCOPE W/LUMEN	30
Fixed	DATE DISINFECTED	-
Today's Date	10/17/17	10
Fixed	REPROCESS ON	-
Expiration Date	11/01/17	10

Format 24 – 2.2” X 1.1”

Application: Communication

Included with Software Editions: Essentials, Complete

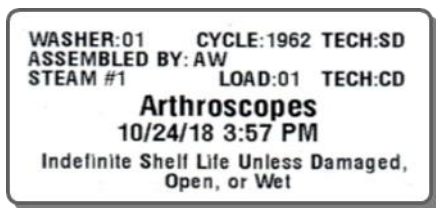


Field	Shown As	Max Print Characters
Description	DESCRIPTION	30
Fixed	OPENED ON:	-
Today's Date	06/22/18	10
Fixed	EXPIRES ON:	-
Expiration Date	08/21/18	10
User ID	CD	6

Format 25 – 2.2” X 1.1”

Application: Load Control

Included with Software Editions: Essentials, Complete



Field	Shown As	Max Print Characters
Custom 1	WASHER:01	12
Custom 2	CYCLE:1962	10
Custom 3	TECH:SD	8
Custom 4	ASSEMBLED BY:AW	16
Sterilizer ID	STEAM #1	15
Load Number	01	2
User ID	CD	4
Label Caption	Arthroscopes	20
Today's Date & Time	10/24/18 3:57 PM	-
Label Message	Indefinite Shelf Life...	50

Format 26 – 1.2” X 1.1”

Application: Load Control

Included with Software Editions: Essentials, Complete



Field	Shown As	Max Print Characters
Sterilizer ID	OVEN 01	12
Cycle Count	234	5
User ID	CD	6
Label Caption	STERILIZED	20
Today's Date	07/03/19	-
Fixed	EXPIRES	-
Expiration Date	07/31/19	-

8. LABEL DATA SOURCES

The table below shows all the data fields that can be printed on a label and where the data for each of them would come from.

Field	Data Comes From
Custom 1-4	Field Name: Category Properties Data: Custom Data
Cycle Count	The selected Tab. Can be edited on the Print Screen
Department	Load Control Formats: Button Properties Loaner Tray Formats: Loaner Tray Properties If empty, the Default Expiration Time in Category Properties is used.
Description	Instruments: Item Properties
Description 1	Button Properties
Description 2	Button Properties
Description 3	Button Properties
Expiration Date	System Variable. Can be edited on the Print Screen
Expiration Date & Time	System Variable.
Expiration Time in Days, Hours and Minutes	Button Properties. If empty, the Default Expiration Time in Category Properties is used.
Fixed	System Variable
ID Number	Instruments: Item Properties
Julian Date	System Variable
Label Caption	Button Properties. If empty, the Default Label Caption in Category Properties is used.
Label Message	Category Properties
Load Number	Button Properties
Procedure	Loaner Tray Properties
Sequence Number	System Variable
Set Sequence	System Variable
Sterilizer ID	If Category Mode is Buttons, the data comes from Button Properties. If Category Mode is Tabs, the data comes from the Tab Name in the Category Properties.
Surgeon	Loaner Tray Properties
Surgery Date	System Variable. Can be edited on the Print Screen
Today's Date	System Variable. Can be edited on the Print Screen
Today's Date & Time	System Variable
Tray Name	Loaner Tray Properties
Tray Sequence	System Variable
User ID	Login Screen
Vendor	Loaner Tray: Loaner Tray Properties Instruments: Item Properties

9. ABOUT STERIDATE LABELS

Storage Recommendation

Labels should be stored at a temperature of 22°C \pm 2 and at a relative humidity of 50% \pm 5. The nearer to these conditions, the better. Further recommendations are as follows:

- Store in original packaging
- Store away from direct sunlight
- Rotate stocks so that the oldest labels are used first
- Store label rolls horizontally, not vertically
- Ensure that winding tension of label roll is not too tight, to prevent adhesive bleed
- Do not hang rolls of labels on pegs, or stack them in such a way that the inner core is distorted
- Repack partly used rolls of labels in their original packaging.

NOTE: Storage at too high a temperature may have a detrimental effect on a product's performance. Low temperatures are generally less critical, but thorough subsequent reconditioning is nevertheless important to avoid conversion or dispensing problems.

Handling

- Remember that label roll cores are at their most vulnerable on the extreme edges. Handle with care.
- Rough handling of label rolls can cause the core and/or edges to become damaged. Eventually, this can lead to breakage on the printer machine.
- Avoid leaving label rolls in areas where they can be damaged by heavy items that could bruise or crush the edges.

Instructions for Use

- Apply label onto clean, dry, flat surface.
- Press label firmly in place including the edges.

Shelf life

MedVantage SteriDate labels include 6-month guarantee on adhesive performance.

Warranty

All statements, technical information and recommendations about MedVantage label products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All MedVantage products are sold with the understanding that PURCHASER has independently determined the suitability of such products for its purposes. MedVantage products are warranted to be free of defects or workmanship for a period 30 days from delivery; after which the customer assumes all responsibility for the product. Any product shown to the satisfaction of MedVantage within the time provided to be so defective shall be replaced without charge or MedVantage may issue credit in such amount as it deems reasonable however, in no event shall MedVantage be responsible for claims beyond the replacement value of the defective product or in any way liable or responsible for consequential or incidental damages.

NO EXPRESS WARRANTIES AND NO IMPLIED WARRANTIES, WHETHER OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR USE, OR OTHERWISE, EXCEPT AS SET FORTH ABOVE (WHICH IS MADE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES) SHALL APPLY TO PRODUCTS SOLD BY MEDVANTAGE. MEDVANTAGE SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER SUCH WARRANTIES. NO WAIVER, ALTERATION, ADDITION OR MODIFICATION OF THE FOREGOING CONDITIONS SHALL BE VALID UNLESS MADE IN WRITING AND SIGNED BY AN EXECUTIVE OFFICER OF MEDVANTAGE.

No salesman, representative, or agent of MEDVANTAGE is authorized to give any guarantee, warranty or make any representation contrary to the above.

10. TECHNICAL SUPPORT

Exclusively for Customers purchasing SteriDate labels and supplies from MedVantage, the SteriDate Support Program includes:

- Technical support at no charge
- Repair service
- Loaner equipment

We recommend contacting Tech Support as soon as any problem occurs as most of the common issues can be resolved over the phone.

Live Phone Support: 201-587-9100 x212

Email Support: support@medvantage.org

Monday-Thursday 8:30 AM to 4:30 PM ET

Friday 8:30 AM to 3:00 PM ET

To help expedite service, we suggest having your MedVantage Account Number available. After diagnosing the issue, we may suggest specific troubleshooting and/or require you send the equipment in for repair service.

Repair Service

Before sending equipment in for repair, please contact Tech Support to request a Return Authorization Number and shipping instructions.

Warranty Information

Standard Manufacturer Warranty on SteriDate Terminals is three (3) years and on SteriDate Printers is one (1) year. Parts and labor to correct defects in material and workmanship are provided free of charge. Turn-around time is typically within ten (10) business days but in some cases may take up to thirty (30) days. Thermal Printheads: Six (6) months or one (1) million Inches; whichever occurs first.

Note: Only genuine labels and supplies are recommended for use in our products. The warranty does not cover service required due to abuse or the use of non-recommended supplies.

Service Agreements

Provide additional coverage over the standard Manufacturer's Warranty. Coverage for SteriDate printers includes thermal printheads, normal wear and tear and accidental breakage.

Loaner Equipment

Based on availability. Cost - \$100 per Incident. Loaner equipment must be returned immediately. An additional fee of \$20 per day will be charged if the Customer does not ship the defective equipment to the Service Department within three (3) business days of receiving the loaner equipment or does not return the loaner equipment within three (3) business days after receiving the repaired equipment.

Out of Warranty Repairs

Repairs are performed on a time and material basis. The Customer will be informed before any work is performed. If the Customer does not wish the repair to be performed, a \$50 diagnostic service fee will be charged.

Shipping

The Customer is responsible for inbound shipment and assumes all costs and associated risks. MedVantage is responsible outbound transportation charges, UPS Ground. Higher priority shipment is available at Customer's expense. If the Service Department determines the equipment has no defect or is not under warranty, the Customer shall be responsible also for return shipment.

This program is subject to change without notice.



230 West Passaic Street
Maywood NJ, 07607

Call 201-587-9100

Email customerservice@medvantage.org

Visit <http://medvantage.org/sterile-processing>