

The *multiSTATION*® CANNULA ADAPTER

Technology Guide

 READ THIS PRODUCT INSERT THOROUGHLY BEFORE USE

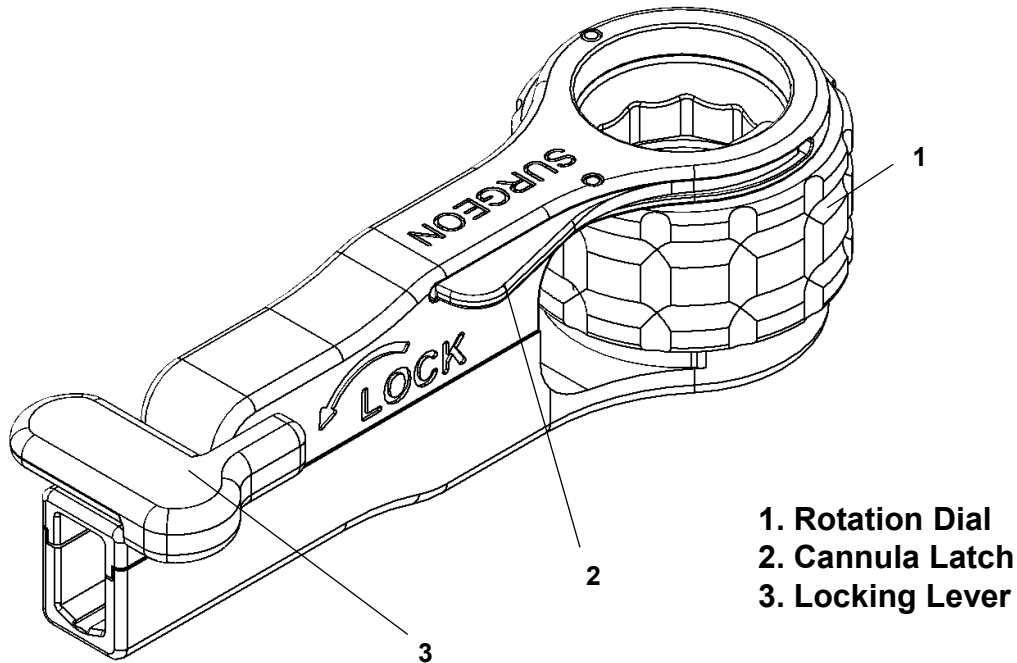


FIG. 1: *multiSTATION*® CANNULA ADAPTER

 **SOLUTIONS**®

***multiSTATION*® CANNULA ADAPTER DEVICE DESCRIPTION:**

The *multiSTATION*® CANNULA ADAPTER (FIG. 1) is a reusable accessory that secures a *multiSTATION*® device to the *RIGID miniARM*® or the *CLICK RELEASE*™ *miniARM*®. The adapter slides over the quick connect post of the *miniARM*® and locks into place with the locking lever 3. A *multiSTATION*® device fits into the cannula adapter, which has a cannula latch 2 that secures the device. When depressed, the cannula latch releases the device. A rotation dial 1 enables the device with inserted scope or other instrument to be rotated as desired and then locked into position.

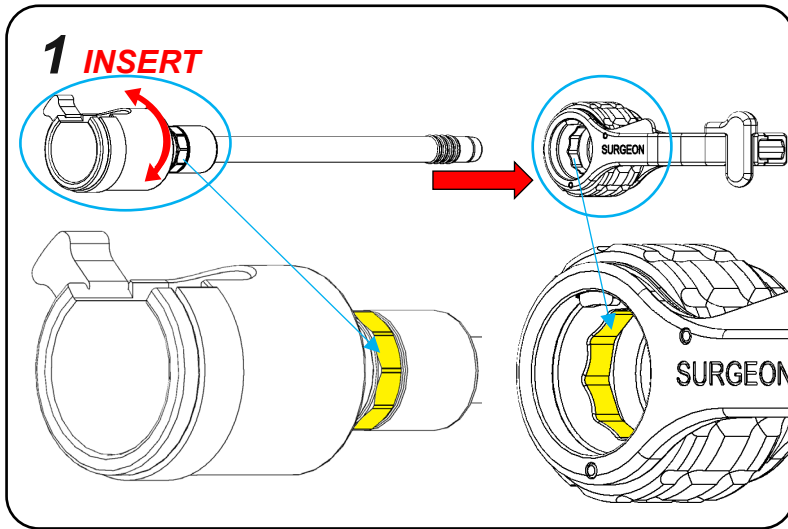
INDICATIONS FOR USE:

The *multiSTATION*® CANNULA ADAPTER is indicated for use by surgeons to hold instruments in a fixed position for a period of time.

multiSTATION® CANNULA ADAPTER ASSEMBLY AND POSITIONING

The multiSTATION® Cannula Adapter may be attached to the miniARM® either before or after attaching the miniARM® to a multiSTATION® RAIL CLAMP.

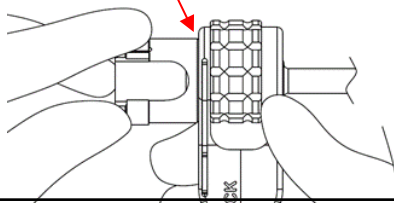
Note: The multiSTATION® CANNULA ADAPTER is supplied non-sterile and must be cleaned and sterilized before each use.



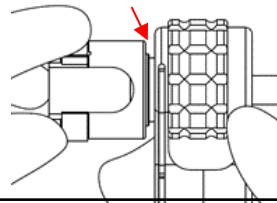
1. INSERT the selected device until it is fully seated and secured by the cannula latch. Refer to selected device's IFU for correct orientation.

Note: The device may have to be rotated slightly during insertion to align the engagement features.

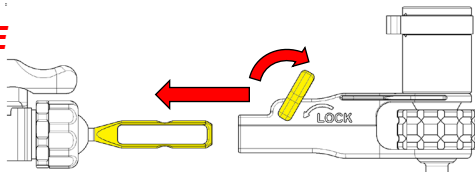
NOTE: device should be fully seated



If a gap is visible, device is NOT fully seated

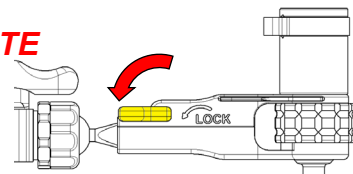


2 SLIDE



2. SLIDE the adapter onto the quick connect post of the miniARM® while the locking lever is rotated to the unlocked position.

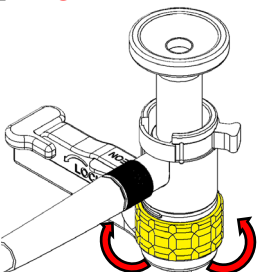
3 ROTATE



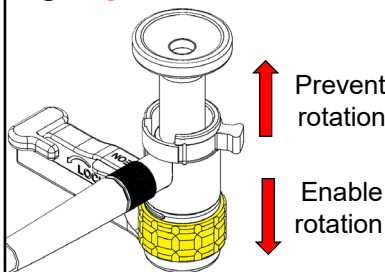
3. ROTATE the locking lever to the locked position to secure the adapter onto the miniARM®.

NOTE: Refer to the selected device's IFU as needed for assembly of scope or instrument into device.

4 ROTATE



5 PULL



4. ROTATE the scope or other instrument with the cannula rotation dial to achieve desired orientation.

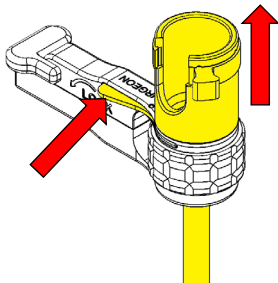
5. PULL the rotation dial toward surgeon side to lock the rotation dial; push the rotation dial away from the surgeon side to unlock the rotation dial.

REMOVAL AND CLEANUP

This process may be made easier by having the *miniARM*® locked while handling.

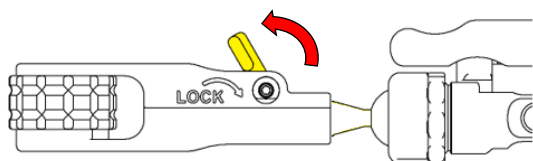
Refer to the assembled device's IFU for instructions for removing the scope or other instrument from the device.

1 REMOVE



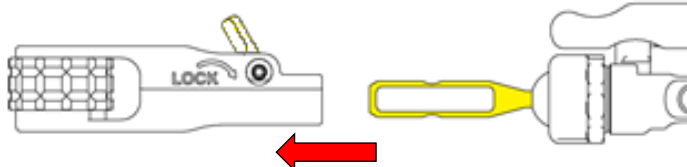
1. **REMOVE** the assembled device by pressing the cannula latch and pulling the device out of the adapter.

2 ROTATE



2. **ROTATE** the locking lever to the unlocked position.

3 DETACH



3. **DETACH** the adapter by sliding it off the *miniARM*'s® quick connect post.

multiSTATION® CANNULA ADAPTER REPROCESSING

- Disassemble and clean the device immediately after use. Do not allow a soiled device to dry.
- The device is not validated to be cleaned or sterilized with the adapter still assembled to the cannula, coupler or *miniARM*®.
- Cleaning agent used in validation: Steris Prolystica® 2X (enzymatic, neutral pH).
- Perform the final rinse using only freshly prepared purified water/highly purified water.
- Never use metal brushes or steel wool for cleaning.
- Prepare and reprocess other *multiSTATION*® devices according to each device's instructions for use.

POINT OF USE

1. Disassemble and clean device immediately after use.
2. Do not allow soiled devices to dry.

PREPARATION

1. Rotate the locking lever to the unlocked position and slide the adapter off the quick connect post. (FIG. 2).
2. If using the *multiSTATION*® Sterilization Tray (Part Number 100034), clean the tray separately according to the sterilization tray instructions for use.

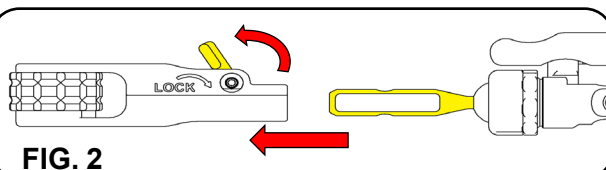
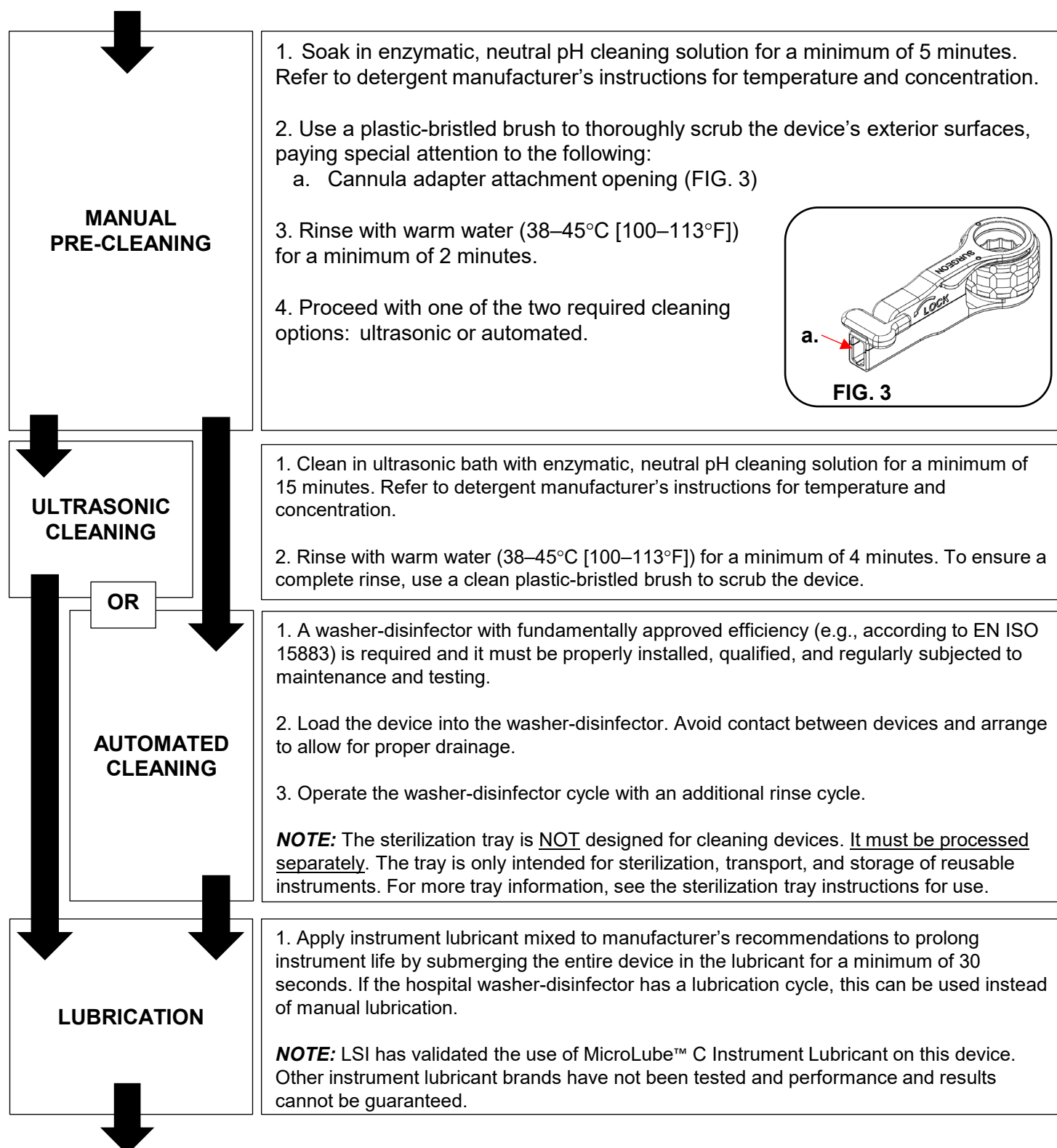


FIG. 2

multiSTATION® CANNULA ADAPTER REPROCESSING (continued)



multiSTATION® CANNULA ADAPTER REPROCESSING (continued)

INSPECTION

1. Carefully inspect the device to assure that all visible soil has been removed. Generally, unmagnified visual inspection under good light conditions is sufficient. Particular attention should be paid to the following location (FIG. 3): cannula adapter attachment opening. Repeat cleaning process if soil is detected.
2. Visually inspect the device for mild or excessive corrosion. If corrosion is present, discontinue use of the device in surgery, but complete reprocessing.
3. Visually inspect the device for damage. If parts are damaged, discontinue use of the device in surgery, but complete reprocessing.
4. Perform a functional check for adequate device locking and release (refer to pages 2-3).

PACKAGING

1. If using a sterilization pouch, place one device in its own individual pouch. If using a sterilization tray, read the sterilization tray instructions for use before proceeding. Ensure that the sterilization tray has been cleaned according to the sterilization tray instructions for use and load the tray bottom according to FIG. 4.
2. Package the device according to TABLE 1 below. The barrier system for sterilized reusable instruments should meet the following requirements:
 - ISO 11607-1
 - Suitable for pre-vacuum steam sterilization
 - Appropriate for medical use
 - Grade appropriate for weight of loaded tray per sterilization tray instructions for use and facility procedures

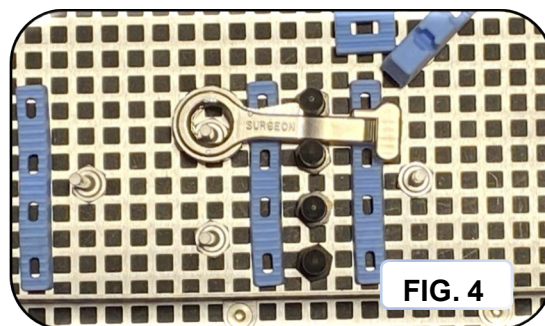


FIG. 4

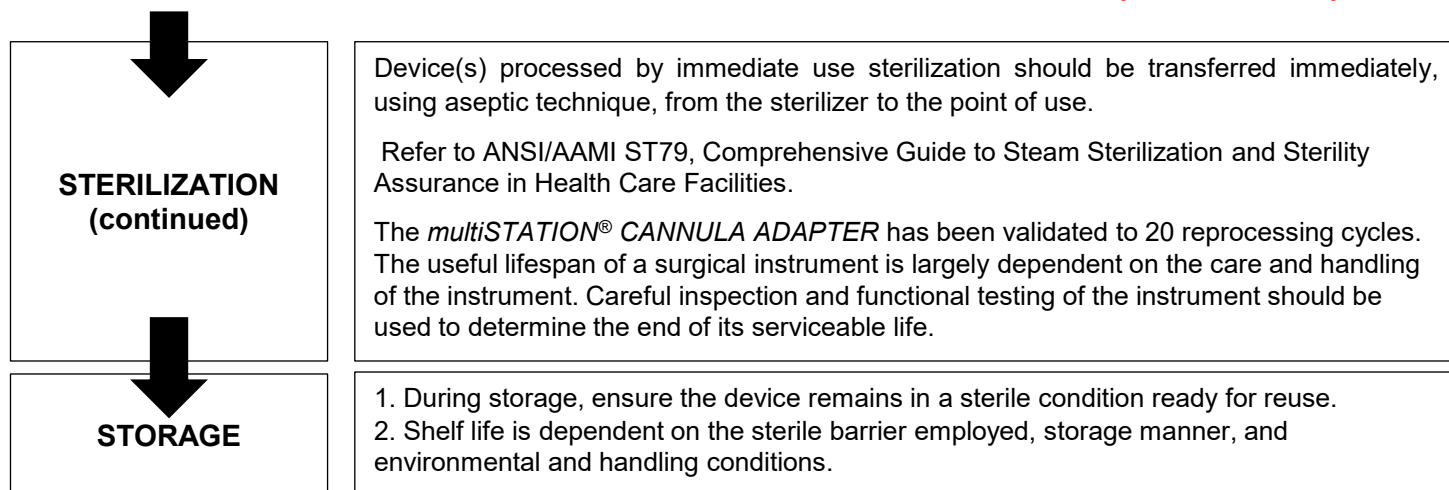
STERILIZATION

1. The device must be properly cleaned prior to sterilization.
2. Perform sterilization cycle according to TABLE 1:

TABLE 1: multiSTATION® CANNULA ADAPTER Sterile Packaging and Processing

Method	Moist heat (steam) sterilization according to ANSI/AAMI ST79	Moist heat (steam) sterilization according to ANSI/AAMI ST79	Immediate Use Steam Sterilization according to ANSI/AAMI ST79
Container	multiSTATION® Sterilization Tray P/N 100034	No tray	No tray
Cycle	Pre-vacuum (Pre-vac)	Pre-vacuum (Pre-vac)	Pre-vacuum (Pre-vac)
Packaging	2-layer polypropylene wrap	Pouch	No packaging
Temperature	132-137°C (270-279°F)	132-137°C (270-279°F)	132-137°C (270-279°F)
Exposure Time	4 – 18 minutes	4 – 18 minutes	4 – 18 minutes
Dry Time	65 minutes (minimum)	25 minutes (minimum)	N/A

multiSTATION® CANNULA ADAPTER REPROCESSING (continued)



CONTRAINDICATIONS

- This device is not intended for use except as indicated.

WARNINGS

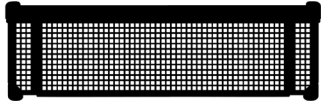
- Federal law restricts this device to sale, distribution and use by, or on, the order of a physician.
- Read and become familiar with all instructions, warnings, and cautions before using this product.
- The *multiSTATION® CANNULA ADAPTER* shall be used in accordance with these instructions for use.
- Improper use of the device may cause serious injury. In addition, improper care and maintenance of the device may render the device non-sterile prior to patient use and may cause serious injury to the health care provider or the patient.
- When using the *multiSTATION® CANNULA ADAPTER*, patients must be immobilized or anesthetized.
- Discontinue use of the *multiSTATION® CANNULA ADAPTER* when the patient is moving or being moved.
- Surgical or endoscopic procedures should be performed only by physicians having adequate training and familiarity with relevant techniques and anatomy. Medical literature relative to techniques, complications, and hazards should be consulted prior to use.

PRECAUTIONS

- **The *multiSTATION® CANNULA ADAPTER* is packaged as non-sterile.** Clean and sterilize prior to use.
- If there are any variations between these instructions for use and your facility's policies and/or your cleaning/sterilizing equipment manufacturer's instructions, those variations should be brought to the attention of the appropriate responsible hospital personnel for resolution before proceeding with cleaning and sterilizing your device.
- Use of a *multiSTATION® CANNULA ADAPTER* for a task other than what it is intended for can result in a damaged or broken device.
- Prior to use, inspect the *multiSTATION® CANNULA ADAPTER* to ensure proper function and condition. Do not use the device if it does not satisfactorily perform its intended function or if it has physical damage.
- Surgical instruments vary between manufacturers. Before instruments and accessories from different manufacturers are employed together in a procedure, verify compatibility and ensure electrical isolation or grounding are not compromised.
- Avoid mechanical shock or overstressing the *multiSTATION® CANNULA ADAPTER*.
- Only the cleaning and sterilization processes which are defined within these instructions for use have been validated.
- Store at room temperature.

ADVERSE REACTIONS

No documented adverse reactions.

TABLE 2: <i>multiSTATION</i> ® CANNULA ADAPTER PRODUCT ORDERING			
	REORDER	PRODUCT	DESCRIPTION
	REF 080415	<i>multiSTATION</i> ® CANNULA ADAPTER	1 Shelf Box
	REF 100034	<i>multiSTATION</i> ® Sterilization Tray*	1 Shelf Box

LSI SOLUTIONS®

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* The *multiSTATION*®
Sterilization Tray is
manufactured by Summit
Medical, 815 Vikings Parkway,
Suite 100, St. Paul, MN 55121
U.S.A.

MADE IN THE USA

This Product Comes
with our LSI SOLUTIONS®
Perfect Performance Policy*
Call us at 866.575.3493 any time.

Patents: www.lsisolutions.com/patents

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