

## Mesh Trays

### INTENDED USE:

Key Surgical® Mesh Trays are designed to contain and protect surgical instruments during the sterilization process. Mesh trays are constructed of stainless steel and are available in a variety of sizes, shapes and styles to hold items that are difficult to keep track of. The mesh design allows sterilant and steam penetration during the sterilization process.

### CONTRAINDICATIONS:

There are no known contraindications and/or adverse effects.

### PRECAUTIONS:

- Do not overload mesh tray. Overloading mesh tray may cause damage.
- Visually inspect mesh tray prior to use. Check for loose wires or burrs that may puncture or tear sterilization wrap or pouch.

### PREPARATION:

Mesh Trays are reusable and must be cleaned and disinfected prior to initial use and subsequent reuse.

### INSTRUCTIONS FOR USE:

1. Identify mesh tray that will be used.
2. Place unpouched instruments in mesh tray and wrap according to the sterilization wrap instructions.
3. Sterilize trays according to the parameters detailed below.
4. After sterilization, move wrapped set to sterile storage area for storage or transport to point of use location.
6. Mesh trays are reusable and must be cleaned and decontaminated prior to reuse according to the instructions below.

### POINT OF USE CARE:

Clean Mesh Tray as soon as possible after use. If cleaning must be delayed, immerse in an enzymatic solution or water to prevent drying and encrustation of surgical soil. Avoid prolonged exposure to saline to minimize the chance of corrosion. Remove excessive soil with a disposable wipe.

### MANUAL CLEANING:

1. Pre-rinse under cold tap water for one (1) minute to remove gross debris
2. Soak for a minimum of two (2) minutes in a pH neutral detergent, prepared in accordance with the manufacturer's instructions for use.
3. Rinse under cold tap water for one (1) minute.
4. Ultrasonically clean for a minimum of five (5) minutes in a neutral pH detergent, prepared in accordance with the manufacturer's instructions for use.
5. Rinse under cold tap water for one (1) minute.

### AUTOMATED CLEANING:

It may be necessary to manually clean prior to automated processing to improve the removal of adherent soil. Follow the previous instructions for manual cleaning.

1. Run the automatic wash cycle – minimum cycle parameters:
  - 1 minute cold pre-rinse
  - 5 minute enzyme wash at 43° C minimum temperature
  - 1 minute cold rinse
  - 7 minute dry at 90° C minimum temperature

### CLEANING INSPECTION:

Visually inspect before sterilization or storage to ensure the complete removal of soil from surfaces. If soil is still present, re-clean the Mesh Tray.

### STERILIZATION:

Follow the instructions for use of the sterilization packaging manufacturer, the enclosed device manufacturer and the sterilizer manufacturer.

The Mesh Tray has been validated for sterilization efficacy according to applicable international process standards and guidance for the following methods and parameters:

Cycle Type (Steam)	Temperature	Minimum Time – Full Cycle
Gravity	121° C (250° F)	30 minutes
Pre-Vacuum	132° C (270° F)	4 minutes
Immediate Use Pre-Vacuum	132° C (270° F)	3 minutes

100% Ethylene Oxide (EtO)	
Concentration	725 mg/L
Temperature	55° C
Exposure Time	60 minutes
Humidity	50-80%


STERRAD® System and Cycle within the United States	STERRAD® System and Cycle outside United States
STERRAD® 50	STERRAD® 50
STERRAD® 200	STERRAD® 200 Short cycle
STERRAD® 100S	STERRAD® 100S Short cycle
STERRAD® NX Advanced cycle	STERRAD® NX Advanced cycle
STERRAD® NX Standard cycle	STERRAD® NX Standard cycle
STERRAD® 100NX Standard cycle	STERRAD® 100NX Standard cycle

STERIZONE® System	STERIZONE® VP4
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It remains the responsibility of the processor to ensure that the processing, as actually performed using equipment, materials and personnel in the processing facility, achieves the desired result. This requires verification and/or validation and routine monitoring of the process.

### DISPOSAL:

Mesh Trays have a life span and will require replacing if there are any signs of deterioration or loss of functionality. Dispose of product following facility policy for disposal.

 **MANUFACTURER: KEY SURGICAL LLC**  
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**REF** CATALOG NUMBER

  LOT NUMBER

 CONSULT INSTRUCTIONS FOR USE



**EC** **REP** MDSS GMBH  
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