

STERRAD[®] NX[™] STERILIZER CYCLE SELECTION



The Next Generation Sterilization System.

The STERRAD[®] NX[™] Sterilizer is a general purpose, low temperature sterilizer offering two cycles. Terminal sterilization of wrapped, sterile instrument trays can be accomplished in either 28 or 38 minutes, depending on the cycle selected.

For more information on the STERRAD[®] NX[™] System, contact your local Advanced Sterilization Products representative.

STANDARD CYCLE: 28 MINUTES

The Standard Cycle may be used for both metal and nonmetal medical instruments packaged in ASP SteriTite[®] Containers, wrapped Aptimax[®] Instrument Trays, or Tyvek[®] Pouches/Rolls with STERRAD[®] Chemical Indicator Strip.

The Standard Cycle should be selected for instruments that meet the criteria below:

- **Stainless steel instruments without lumens**
- **Instruments with single-channel stainless steel lumens**
 - Internal diameter 1 mm or larger and length 150 mm or shorter
 - Internal diameter 2 mm or larger and length 400 mm or shorter
- **Limit of 10 lumened instruments per cycle**



Instrument sets that can be sterilized in the STERRAD[®] NX[™] Sterilizer include, but are not limited to:

- Arthroscopy instrument sets
- Ear instruments
- Laparoscopic instrument sets
- Cardiovascular instruments
- Eye instruments
- Orthopedic drills and saws
- Cystoscopy instruments
- Reusable batteries
- Cameras and light cords
- Defibrillator paddles
- Doppler cords

ADVANCED CYCLE: 38 MINUTES

The Advanced Cycle is used for processing instruments, medical devices with long lumens and single-channel flexible endoscopes. These devices may be packaged in ASP SteriTite[®] Containers, wrapped Aptimax[®] Instrument Trays, or Tyvek[®] Pouches/ Rolls with STERRAD[®] Chemical Indicator Strip.

The Advanced Cycle should be selected for instruments that meet the criteria below:

- **Instruments with stainless steel lumens with an internal diameter of 1 mm or larger and a length of 500 mm or shorter**
- **The Advanced Cycle may also be used to sterilize one single-channel flexible endoscope with one lumen of 1 mm or larger and a length of 850 mm or shorter**

STAINLESS STEEL LUMENS



FLEXIBLE ENDOSCOPES



Prior to sterilizing a flexible endoscope in the STERRAD[®] NX[™] Sterilizer, the following activities must occur:

- Identify that the lumen dimensions are within the acceptable parameters
- Review the recommendations provided by the endoscope manufacturer and attach the venting cap (EtO venting cap) to the endoscope prior to packaging, if required by the manufacturer for sterilization
- Package the endoscope securely to avoid damage during handling

No additional trays, pouches or containers can be processed in the cycle with the flexible endoscope. Only one flexible endoscope may be processed at a time.

Flexible endoscopes that can be sterilized in the STERRAD[®] NX[™] Sterilizer include, but are not limited to:

- | | | |
|-----------------|--------------------|--------------------------|
| – Bronchoscopes | – Hysteroscopes | – Flexible ureteroscopes |
| – Cystoscopes | – Choledochoscopes | – Thoracoscopes |

TUBING

The Advanced Cycle may also be used to sterilize medical tubing using the following criteria:

- **Internal diameter of 1 mm or larger and a length of 1000 mm or shorter**
- **10 pieces or fewer of polyethylene or Teflon[®] tubing**

IMPORTANT INFORMATION

All instruments must be cleaned and thoroughly dried prior to being packaged for sterilization in the STERRAD[®] NX[™] Sterilizer. Please refer to the STERRAD[®] NX[™] Sterilization System User's Guide prior to use of the STERRAD[®] NX[™] System.

No additional trays, pouches, or containers may be processed in the cycle with the tubing.

Silicone tubing should not be sterilized in the STERRAD[®] NX[™] Sterilizer. Silicone tubing may be safely processed in steam sterilizers.

Verify with the manufacturer's instructions for use that the particular endoscope model is compatible with the STERRAD[®] NX[™] Sterilizer process prior to sterilization.

ADVANCED STERILIZATION PRODUCTS

Division of Medos International Sàrl
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