

STERRAD[®] 100NX[®] SYSTEM CYCLE SELECTION



The Next Generation Sterilization System.

All instruments must be cleaned and thoroughly dried prior to being packaged for sterilization in the STERRAD[®] 100NX[®] Sterilizer.

Approved packaging includes ASP SteriTite[®] Containers, wrapped or pouched APTIMAX[®] Trays or Tyvek[®] Pouches and Rolls with STERRAD[®] Chemical Indicator Strip. For rigid containers, verify that they are cleared for use in each cycle.

ADVANCED STERILIZATION PRODUCTS

Division of Medos International Sàrl
a **Johnson & Johnson** company

*Please refer to the STERRAD[®] 100NX[®] Sterilization System User's Guide for important information prior to use. Consult with the medical device manufacturer of instruments or endoscopes you intend to sterilize with any questions regarding materials compatibility.

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da Vinci is a registered trademark of Intuitive Surgical, Inc.

STANDARD CYCLE: 47 MINUTES

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

- **General medical instruments (metal and nonmetal, including hinged devices)**
- **Instruments with single-channel stainless steel lumens**
 - Internal diameter 0.7 mm or larger and length 500 mm or shorter
- **Polyethylene and Teflon lumen tubing with an internal diameter of 1 mm or larger and length of 1000 mm or shorter.**
 - These items must be sterilized without any additional load items
 - Limit of 20 pieces of tubing per cycle
- **Maximum of 40 single channel stainless steel lumens**

Instrument sets that can be sterilized in the STANDARD Cycle include but are not limited to*:

- Arthroscopy and laparoscopic instrument sets
- Eye instruments
- Cystoscopy instruments
- Rigid or semi-rigid ureteroscopes
- Cameras and light cords
- Rechargeable batteries
- Doppler cords and defibrillator paddles
- Orthopedic drills and saws
- Ultrasound probes/transducers



STANDARD

Load Preparation: Two shelves (total weight: 21.4 lbs or 9.7 kg)

FLEX CYCLE: 42 MINUTES

The **FLEX** Cycle should be selected for flexible endoscopes that meet the criteria below:

- **Single channel**
- **Internal lumen diameter of 1 mm or larger and length of 850 mm or shorter**
- **A maximum of two single-channel flexible endoscopes may be processed at one time**
- **No additional items may be processed in the cycle with the flexible endoscopes**
- **Place venting caps on flexible scopes according to the manufacturer's instructions**

Flexible endoscopes that can be sterilized in the FLEX Cycle include but are not limited to*:

- Bronchoscopes
- Cystoscopes
- Hysteroscopes
- Choledochoscopes
- Flexible ureteroscopes
- Thorascopes
- Intubation fiberscopes



FLEX

Load Preparation: A maximum of two single-channel flexible endoscopes

EXPRESS CYCLE: 24 MINUTES

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

- **General metal medical devices requiring surface sterilization, or sterilization of mated stainless steel and titanium surfaces**
- **Rigid or semi-rigid endoscopes without lumens**
- **Rechargeable batteries**

Materials that should not be processed in the EXPRESS Cycle, even though they can be processed in the STANDARD and FLEX Cycles, are:

- **Items made of nylon, polyurethane, or Kraton[®]**
- **Items with mated Delrin[®], mated Ultem[®], mated Radel[®], or mated aluminum surfaces**

Instruments that can be sterilized in the EXPRESS Cycle include but are not limited to*:

- da Vinci[®] endoscopes
- Rigid or semi-rigid endoscopes without lumens
- General surgery metal devices without lumens
- Rechargeable batteries
- Eye Instruments without lumens



EXPRESS

Load Preparation: Bottom shelf only (10.7 lbs or 4.85 kg)