**STERRAD® 100NX System**

**with ALLClear® Technology**

**JUST LOAD AND GO**

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**OPERATIONAL ENVIRONMENT**

- **Temperature**: 64.4°F - 95°F (18°C - 35°C)
- **Humidity**: 10% - 85% RH (noncondensing)

**SYSTEM ORDERING INFORMATION**

- **STERRAD® 100NX Sterilization System with ALLClear® Technology, single-door unit, STANDARD & FLEX cycles, includes installation**
- **STERRAD® 100NX Sterilization System with ALLClear® Technology, double-door unit, STANDARD & FLEX cycles, includes installation**
- **STERRAD® 100NX Sterilization System with ALLClear® Technology, single-door unit, STANDARD, FLEX, EXPRESS, and DUO cycles, includes installation**
- **STERRAD® 100NX Sterilization System with ALLClear® Technology, double-door unit, STANDARD, FLEX, EXPRESS, and DUO cycles, includes installation**

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**Networking and Data Recording**

- Communication protocol for Instrument Tracking Systems (ITS) available via ASP ACCESS™ Technology
- Electronic data storage up to 200 cycles
- Electronic printer for internal recordkeeping
- Electronic cycle data and reports via ASP ACCESS™ Technology

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**INSTALLATION AND ELECTRICAL REQUIREMENTS**

- **Electrical power specifications**
  - US: 208 VAC, 60 Hz, 3-phase wye configuration circuit with separate neutral and ground conductors. Can be installed into a dedicated 20-amp circuit or dedicated 30-amp circuit. For 20-amp circuit, require NEMA L21-20R 5-wire grounding twist-lock receptacle for the STERRAD 100NX System with ALLClear® Technology. For 30-amp circuit, require NEMA L21-30R 5-wire grounding twist-lock receptacle. The receptacle should be positioned 12 to 18 in (30 to 45 cm) above the floor. For recessed systems, a clearance of 1 in (25 mm) from the top of the system and 5 in (125 mm) on each side of the system is required.
  - Canada: 208 VAC, 60 Hz, NEMA L21-30 5-wire grounding twist-lock outlet attached to a dedicated 30-amp, 3-phase delta configuration circuit with separate neutral and ground conductors
  - International: 380-415 VAC, 50/60 Hz, 5-wire grounding outlet attached to a dedicated 30-amp, 3-phase delta configuration circuit with separate neutral and ground conductors
  - Japan: 200 VAC, 50/60 Hz, 4-wire grounding outlet attached to a dedicated 30-amp, 3-phase delta configuration circuit with separate ground conductor

- **Installation space requirements**
  - In operation, the STERRAD® 100NX System with ALLClear® Technology should not be placed closer than 2 in (50.8 mm) from the rear wall. The power receptacle should be positioned 12 to 18 in (30 to 45 cm) above the floor. For recessed systems, a clearance of 1 in (25 mm) from the top of the system and 5 in (125 mm) on each side of the system is required.

- **Service space requirements**
  - Service access requires a minimum clear space of 24 in (610 mm) above the top and approximately 39 in (1000 mm) all sides of the system (can be less if the system can be moved for servicing).

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**Network Connectivity**

- Communication protocol for Instrument Tracking Systems (ITS) available via ASP ACCESS™ Technology

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**Productive**

- Reduces workflow interruptions

**Connected**

- Enhances compliance, automatically*

**Easy**

- Designed with simplicity in mind to reduce the potential for human error

*STERRAD® Systems with ALLClear® Technology have features that may enhance compliance, including greater adherence to device IFUs and improved incident handling.
CYCLE SPECIFICATIONS

Cycle temperature
- Standard: 47°C-56°C (116.6°F-132.8°F)
- Sterilant: Hydrogen peroxide
- Sterilant delivery:
  - Standard/Express/Flex: 10.8 mL per cycle (double kill) (2 ampules, each ampule is 5.4 mL)
  - Duo: 3.1 mL per cycle (1.55 mL per half cycle)

Used cassette disposal
- Automatic and touchless ejection into cassette disposal container

Peroxide residual breakdown
- Gas plasma technology breaks down H₂O₂ to safe elements of water and oxygen

Configurations
- Single and double door

System dimensions (maximum)
- Height: 70.9 in (1800 mm)
- Width: 30.5 in (775 mm)

- Depth:
  - Single door: 41.5 in (1055 mm)
  - Double door: 43.1 in (1095 mm)

Chamber total volume
- 152 L

Chamber dimensions
- Height: 16.1 in (410 mm)
- Width: 20.1 in (510 mm)
- Depth: 28.93 in (735 mm)

Chamber shape
- Rectangular

Shelf info
- Two-tiered shelf:
  - Width: 17.5 in (444 mm)
  - Depth: 25.3 in (643 mm)

Mobility
- 4 casters (2 locking, 2 swivel)

System weight
- 1 door: 842 lbs (382 kg)
- 2 door: 900 lbs (408 kg)

User interface
- Touchscreen technology: projected capacitive touch
- Resolution: 800 x 600 pixels

Supported USB devices
- • Barcode reader
- • External drives: USB that allows data upload and download
- • External printer connection (PCL3 compatible or equivalent)

Standards/Compliance
- ISO 14937

STERILIZATION SPECIFICATIONS

Sterilization process
- Terminal-sterilization, double-kill cycle to provide a Sterility Assurance Level (SAL) of 10⁻⁶; 2 injections and identical plasma phases

Delivered sterilant concentration
- 58%-59.6%

Sterilization cycle monitoring
- Critical system parameters monitored with on-board sensors, biological indicators, and chemical indicators; IMS (independent monitoring system) available
- H₂O₂ concentration continuous monitoring
  - Monitoring using UV sensor within the chamber

FOR MORE INFORMATION
Contact your ASP representative at 888-783-7723 or visit www.aspjj.com

SPACE PLANNING DIMENSIONS

SYSTEM DIMENSIONS

SYSTEM LAYOUT

ONE-DOOR CONFIGURATION

TWO-DOOR CONFIGURATION

For recessed system, clearance should be ~4.8" on each side: 162.7-177.2/2 = 46 mm (~1.8")