THE STERRAD® 100NX SYSTEM
with ALLClear™ Technology

JUST LOAD AND GO

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 record handling.
### CYCLE SPECIFICATIONS*

| Cycles        | Standard: sterilizes most general surgical instruments  
|              | Flex: sterilizes up to 2 single-channel flexible endoscopes  
|              | Express: sterilizes da Vinci® 3-D endoscopes and other delicate instruments without lumens  
|              | Duo: sterilizes cameras and up to 2 single-channel flexible endoscopes  
| Time         | Standard: 47 minutes  
|              | Flex: 42 minutes  
|              | Express: 24 minutes  
|              | Duo: 60 minutes  
| Lumen claims | Standard: diameter: ≥0.7 mm; length: ≤500 mm  
|              | Flex: diameter: ≥1 mm; length: ≤850 mm  
|              | Express: nonlumen sterilization only  
|              | Duo: diameter: ≥1 mm; length: ≤875 mm  

### TECHNICAL SPECIFICATIONS

| Cycle temperature | 47°C-56°C  
| Sterilant         | Hydrogen peroxide  
| Sterilant delivery| Delivered in closed system in cassettes with automatic detection of expiration date:  
| Standard/Express/Flex: | 10.8 mL per cycle (double kill) (2 ampules, each ampule is 5.4 mL)  
| Duo: | 3.1 mL per 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 doors  
| System dimensions (maximum) | Height: 1800 mm  
| | Width: 775 mm  
| | Depth: single door: 1055 mm; double door: 1095 mm  
| Chamber total volume | 152 L  
| Chamber dimensions | Height: 410 mm  
| | Width: 510 mm  
| | Depth: 735 mm  
| Chamber shape | Rectangular  
| Shelf info | Two-tiered shelf:  
| | Width: 444 mm  
| | Depth: 643 mm  
| Mobility | 4 casters (2 locking)  
| System weight | 1 door: 382 kg  
| | 2 door: 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  

*Always refer to the STERRAD® Sterility Guide (www.sterradsterilityguide.com) for the latest updates on instruments’ validations and cycles and systems’ compatibility.

### 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  
Visit www.emea.aspjj.com or contact your local ASP representative
SPACE PLANNING DIMENSIONS

TOP VIEWS
ONE-DOOR CONFIGURATION

LIMIT TO
90°

1000
[39.4]

771
[30.4]

2 x 1000
[39.4]

2 x 1080
[42.5]

110°

771
[30.4]

2 x 1080
[42.5]

771
[30.4]

2 x 1000
[39.4]

TOP VIEW
TWO-DOOR CONFIGURATION

LIMIT TO
90°

771
[30.4]

110°

771
[30.4]
SYSTEM DIMENSIONS

LEFT SIDE

SYSTEM LAYOUT
ONE-DOOR CONFIGURATION

INPUT SIDE

SYSTEM LAYOUT
TWO-DOOR CONFIGURATION

LEFT SIDE

STERILIZER FOOTPRINT

Clearance on each side of the system should be ~39.4"

STERILIZER

WALL OPENING

SERVICE CLEARANCE

IN-WALL INSTALLATION
INPUT OR OUTPUT SIDE

For recessed system, clearance should be ~1.8" on each side:
(865-775)/2 = 45 mm (~1.8"")
## INSTALLATION AND ELECTRICAL REQUIREMENTS

<table>
<thead>
<tr>
<th>Heat generation</th>
<th>Idle: 4574 BTU/hour</th>
<th>Maximum: 6187 BTU/hour</th>
</tr>
</thead>
</table>
| **Electrical power specifications** | • US/Canada: 208 VAC, 60 Hz, NEMA L21-30 5-wire grounding twist-lock outlet attached to a dedicated 30-amp, 3-phase wye 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 wye 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 with separate ground conductors |
| **Installation space requirements** | In operation, the STERRAD® 100NX System with ALLClear™ Technology should not be placed closer than 50.8 mm from the rear wall. The power receptacle should be positioned 30.5 to 61 cm above the floor. For recessed systems, a clearance of 25 mm from the top of the system and 45 mm on each side of the system is required. |
| **Service space requirements** | Service access requires a minimum clearance of 610 mm above the top and approximately 991 mm in on all sides of the system (can be less if the system can be moved for servicing). |

## OPERATIONAL ENVIRONMENT

| Temperature | 18°C-35°C |
| Humidity    | 10%-85% RH (noncondensing) |

## NETWORKING AND DATA RECORDING

| System performance data and reports | Cycle history, full 1-second data files, and reports available via ASP ACCESS™ Technology |
| Network connectivity | Communication protocol for Instrument Tracking Systems (ITS) available via ASP ACCESS™ Technology |
| **Data recording** | • Electronic data storage up to 200 cycles  
• Full electronic cycle data and reports via ASP ACCESS™ Technology |

## SYSTEM ORDERING INFORMATION

<table>
<thead>
<tr>
<th>CODE</th>
<th>PRODUCT DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>10104-005</td>
<td>STERRAD® 100NX Sterilization System with ALLClear™ Technology, single-door unit, STANDARD &amp; FLEX cycles, includes installation</td>
</tr>
<tr>
<td>10104-006</td>
<td>STERRAD® 100NX Sterilization System with ALLClear™ Technology, double-door unit, STANDARD &amp; FLEX cycles, includes installation</td>
</tr>
<tr>
<td>10104-007</td>
<td>STERRAD® 100NX Sterilization System with ALLClear™ Technology, single-door unit, STANDARD, FLEX and DUO cycles, includes installation</td>
</tr>
<tr>
<td>10104-008</td>
<td>STERRAD® 100NX Sterilization System with ALLClear™ Technology, double-door unit, STANDARD, FLEX and DUO cycles, includes installation</td>
</tr>
<tr>
<td>10144</td>
<td>STERRAD® 100NX System Cassette (2 cassettes/case)</td>
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<tr>
<td>20227</td>
<td>Cassette Disposal Box (10 boxes/case)</td>
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<tr>
<td>10135</td>
<td>STERRAD® 100NX System EXPRESS Cycle Kit</td>
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<tr>
<td>10137</td>
<td>STERRAD® 100NX System DUO Cycle Kit</td>
</tr>
<tr>
<td>10305</td>
<td>Thermal Printer Paper (12 rolls/case)</td>
</tr>
<tr>
<td>113617-01</td>
<td>STERRAD® Systems Bar Code Scanner Kit</td>
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