Smith & Nephew 400 Insufflator

- In-line insufflator gas warming and gas humidification capability through one or two ports
- The Smith & Nephew 400 Insufflator will accept voice commands through an external Smith & Nephew HERMES-Ready™ EDAM module that plugs into an RS-232 port
- A stop safety feature that prevents intra-abdominal pressure from exceeding 15 mmHg
- A TAP™ feature that acts as an independent abdominal pressure monitoring line
- Simple front panel design that is arranged in three distinct sections, one for gas supply, one for gas flow rate control, and one for abdominal pressure regulation

The Choice for High Performance Insufflation

The Smith & Nephew 400 Insufflator is the only insufflator with TAP™ that delivers warmed and humidified CO₂ gas during laparoscopic surgery without an external control unit. Warmed and humidified insufflation gas is delivered through a unique in-line mechanism in close proximity to the patient for maximum effectiveness. In addition, the Smith & Nephew 400 Insufflator incorporates an additional safety feature that prevents inadvertent changes in gas flow rate and abdominal pressure during the procedure. If your operating room is equipped with a Digital O.R. System, the Smith & Nephew 400 Insufflator can be HERMES® voice and HERMES Pendant® controlled through the optional external EDAM module.

Take a look at the Smith & Nephew 400 Insufflator, and see how it can improve surgical outcomes for both you and your patients.
For high performance insufflation, choose the 400 Insufflator—only from Smith & Nephew, a world leader in technique innovation for endoscopy. Our strategic intent is to be: The global leader for surgical techniques that reduce trauma and pain to the patient, reduce cost to the healthcare system, and provide better outcomes for surgeons. Please let us know how we can help you.

*Specifications subject to change without notice.

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**Smith & Nephew 400 Insufflator**

**Ordering Information**

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<thead>
<tr>
<th>REF No.</th>
<th>Description</th>
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<td>Smith &amp; Nephew 400 Insufflator System, US</td>
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<td>7209934</td>
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<td>7209936</td>
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<td>Smith &amp; Nephew 400 Insufflator System, SPANISH</td>
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<td>7209940</td>
<td>Smith &amp; Nephew 400 Insufflator System, FRENCH</td>
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<td>7209942</td>
<td>Smith &amp; Nephew 400 Insufflator System, ITALIAN</td>
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<td>7209944</td>
<td>Smith &amp; Nephew In-line Gas Warmer</td>
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<td>7209945</td>
<td>Smith &amp; Nephew In-line Gas Warmer-Humidifier</td>
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<td>7209946</td>
<td>Smith &amp; Nephew Humidification Sheath/Tube Set</td>
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<td>7210016</td>
<td>Smith &amp; Nephew 400 Insufflator System HERMES® Interface Kit</td>
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<tr>
<td>7205864</td>
<td>Smith &amp; Nephew 400 Insufflator System, ITALIAN</td>
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**Product Specifications**

**INSUFFLATOR**

- **Dimensions (WxHxD)**
  - 13.3 x 6.9 x 14.8 in
  - 338 x 176 x 376 mm
- **Weight**
  - Unit with dual warmers: 19 lbs
  - 8.64 kg
- **Gas Flow Limit**
  - Adjustable from 0 – 20 lpm with one patient line
  - Adjustable from 0 – 40 lpm with two patient lines
- **Pressure Adjustment**
  - 0 – 25 mmHg operating
- **Pressure Relief**
  - Electronically controlled relief of displayed pressure at 1 mmHg above the SETPOINT value. Fixed relief of pressure at 50 mmHg. Audible alarm when the abdomen pressure is more than 5 mmHg above the SETPOINT level for 2.5 seconds.
- **Gas Inlet**
  - Single E-cylinder tank, or central wall supply

**IN-LINE GAS WARMER-HUMIDIFIER**

- **Size (LxD)**
  - 4.5 x 2.0 in (9.8 ft power cord)
  - 114 x 51 mm (3 m power cord)
- **Weight**
  - 5 oz
  - 142 g
- **Gas Temperature**
  - Non-adjustable
  - 90 – 105°F (32 – 41°C)
- **Power**
  - 50 watts

**Flow Rate**

This device is not intended for use with a flow rate greater than 20 l/min

**ELECTRICAL REQUIREMENTS**

- **Voltage Input**
  - 100 to 240 VAC nominal line voltage;
  - 50/60 Hz
- **Power**
  - Insufflator Only: 25 watts, double fusing with removable power cord
  - Insufflator and two In-Line Gas Warmers: 75 watts
  - Insufflator and two Gas Warmers-Humidifiers: 125 watts

**Standards**

- UL 2601-1; IEC 60601-1; CAN CSA C22.2 No. 601.1-M99; IEC 60601-1-2:2001;
- IEC 61000-4-2; IEC 61000-4-3; IEC 61000-4-4;
- IEC 61000-4-5; IEC 61000-4-6;
- IEC 61000-4-8; IEC 61000-3-2; IEC 61000-3-3;
- EN 55011

**Classification**

- Control Unit: Class I, Type B
- In-Line Gas Warmer: Class I, Type BF
- Gas Warmer-Humidifier: Class I, Type BF

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