

Smith & Nephew 400 Insufflator

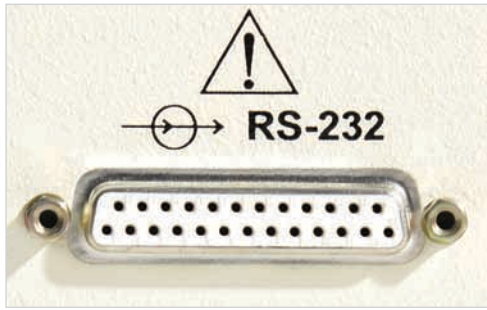


- ▶▶ In-line insufflator gas warming and gas humidification capability through one or two ports
- ▶▶ The Smith & Nephew 400 Insufflator will accept voice commands through an external Smith & Nephew HERMES-Ready™ EDAM module that plugs into an RS-232 port
- ▶▶ A stop safety feature that prevents intra-abdominal 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.



An RS-232 port is provided on the back of the insufflator for HERMES® connectivity



A unique in-line mechanism delivers warmed and humidified gas in close proximity to the patient



A gas humidification sheath holds sterile water and allows the Gas Warmer-Humidifier to maintain constant flow of moisture into the abdomen

Smith & Nephew 400 Insufflator

Ordering Information

REF No.	Description
7209932	Smith & Nephew 400 Insufflator System, US
7209934	Smith & Nephew 400 Insufflator System, UK
7209936	Smith & Nephew 400 Insufflator System, GERMAN
7209938	Smith & Nephew 400 Insufflator System, SPANISH
7209940	Smith & Nephew 400 Insufflator System, FRENCH
7209942	Smith & Nephew 400 Insufflator System, ITALIAN
7209944	Smith & Nephew In-line Gas Warmer
7209945	Smith & Nephew In-line Gas Warmer-Humidifier
7209910	Smith & Nephew Humidification Sheath/Tube Set
7210017	Smith & Nephew 400 Insufflator System HERMES® Interface Kit
7205861	Smith & Nephew 400 Insufflator System Tubing, disposable (10 box)

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

Size (LxD)

3.44 x 1.0 in (9.8 ft power cord)
87.4 x 25.4 mm (3 m power cord)

Weight

4.68 oz
133 g

Gas Temperature

Non-adjustable
95 – 106° F
35 – 41° C

Power

24 watts

Flow Rate

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

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. 601.1.1-M90; 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 61000-4-11; IEC 61000-3-2; IEC 61000-3-3; CISPR 11; EN 55011

Classification

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

Smith+Nephew®

www.endoscopy1.com

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Outside the U.S., please contact an authorized representative of Smith & Nephew.

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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Vision.