



Northgate Technologies, Inc.

The NEBULAE[®] I System

ENHANCE YOUR LAPAROSCOPY

See Better, Perform Better



NEBULAE® I System

- ✓ **Maintain a stable pneumo with high-flow smoke evacuation**
NEBULAE® TAP Sensing Tubing Set creates a stable pneumo by accommodating up to 45 LPM of leakage.¹
- ✓ **Closed-pneumo**
The system operates in a "closed-pneumo" environment, keeping unfiltered operating room air out of the pneumo.
- ✓ **Use standard trocars**
The NTI® designed high-flow luer connector is engineered to work with any standard trocar for optimal flow.
- ✓ **Operate in higher definition**
Enhance your existing 4K experience with High-flow Smoke Evacuation Tubing Set to remove smoke and In-line CO₂ Warmer to prevent fogging of the endoscope.²

Tailor your experience when you need it most

The NEBULAE® I System is a flexible and cost-effective insufflation system that provides higher clinical performance. The modular design allows the surgeons to enhance their procedure at any given time, alleviating the need to commit to an expensive setup at the onset of the operation.

LOW PRESSURE

Down to 4 mmHg

Pediatric Surgery

The NEBULAE® I System can be instructed to maintain a low pneumo pressure even with an introduction of leakage or evacuation for delicate Pediatric procedures.

General, Gynecological, and Urological Surgery

The NEBULAE® I System precisely monitors the pressure of the pneumo for Uro- and Gynecological procedures where stability is essential.

Robotic Surgery

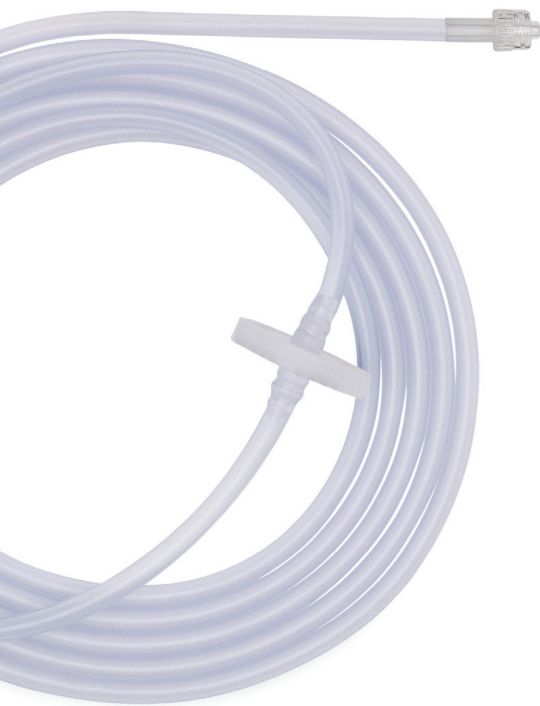
The NEBULAE® I System maintains a set pressure to minimize the need to adjust the robotic arms and instruments.

HIGH PRESSURE

Up to 30 mmHg

Bariatric Surgery

The NEBULAE® I System can be instructed to deliver up to 50 liters-per-minute of CO₂ gas flow all the way to the end of the tubing set.



1. Maintain a stable pneumo

TRUE ABDOMINAL PRESSURE (TAP) SENSING TUBING SET

The NEBULAE® TAP Sensing Tubing Set allows to maintain a stable pneumo pressure of 4 to 30 mmHg with leakage/evacuation.¹

- Continuously monitors pneumo pressure without interrupting CO₂ gas flow.
- Stabilizes pneumo during any laparoscopic procedure that requires rapid smoke evacuation.

2. Rapid smoke evacuation

HIGH-FLOW SMOKE EVACUATION TUBING SET

The NEBULAE® High-flow Smoke Evacuation Tubing Set works with the NEBULAE® TAP Sensing Tubing Set and a suction system to continuously remove smoke, allowing OR staff to operate in a clear surgical field.

- Works with house suction or portable suction devices.
- Removes 99.999% of particulates greater than 0.12 micron that pose a health risk to OR staff.



3. Prevents fogging of the endoscope

REUSABLE IN-LINE CO₂ GAS WARMER

The NEBULAE® In-line CO₂ Gas Warmer eliminates fogging that can occur on the endoscope allowing surgeons an unobstructed view of the surgical field.

- Warms CO₂ insufflation gas near the point of entry and delivers CO₂ gas at near-body temperature.

NEBULAE® I System is the complete solution for everyday to advanced laparoscopic procedures.



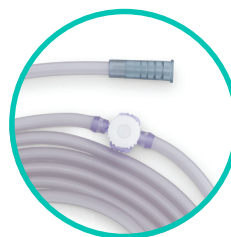
**NEBULAE® I
Laparoscopic
Insufflator**



**NEBULAE® TAP
Sensing Tubing Set**



**NEBULAE® High-
flow Insufflation
Tubing Set**



**NEBULAE® High-flow
Smoke Evacuation
Tubing Set**



**NEBULAE® In-line
CO₂ Gas Warmer**

NEBULAE® I System

PRODUCT	PRODUCT NO.
NEBULAE® I System, Insufflator 50 L/minute, High-flow Insufflator	7-650-00 Purchase M7-650-00 Rental
NEBULAE® High-flow Insufflation Tubing Set Hydrophobic, 0.12 µ, ULPA with 99.999% efficiency Length: 10 ft, Quantity: 10 / box, Sterile	7-510-52
NEBULAE® TAP Sensing Tubing Set Length: 10 ft, Quantity: 10 / box, Sterile	7-510-31
NEBULAE® High-flow Smoke Evacuation Tubing Set Hydrophobic, 0.12 µ, ULPA with 99.999% efficiency Length: 15 ft, Quantity: 10 / box, Sterile	7-510-60
NEBULAE® In-line CO ₂ Gas Warmer In-Line Warmer, Heater Assembly Cable Length: 10 ft	6-820-00

Specifications

INSUFFLATOR	
Dimensions	12 in (w) × 6 in (h) × 12 in (d) (305 × 153 × 305 mm)
Weight	11.5 lb (4.3 kg)
Input Voltage Range	100 to 240 VAC, 50-60 Hz
Equipment Class	Class I, Type B
CO ₂ WARMER	
Dimensions	1.0 in (d) × 3.4 in (l) (25.4 × 87.4 mm)
Weight	4.68 oz (133 g)
Gas Temperature	95-106° F (non-adjustable) (35-40°C)
Equipment Class	Class I, Type B

¹ Data on file

For more information on Northgate Technologies, Inc.

Call 1-800-348-0424 inside U.S.A. | 01-847-608-8900 Fax: 01-847-608-9505 outside of the U.S.A
Visit ntisurgical.com/products/insufflation | Email sales@ntisurgical.com

Northgate® Technologies, Inc. is a U.S.-based company™/® trademarks are registered trademarks of, or are used under license by NORTHGATE® Technologies, Inc. © 2022 Northgate Technologies, Inc. All Rights Reserved.

NOR SPEC PROMO 0043 REV B



Northgate Technologies, Inc.