EVA15 Intelligent Insufflation and Smoke Evacuation System Specifications

palliare

PERFORMANCE SPECIFICATIONS

INSUFFLATION

OPERATING MODES	FLOW RANGE	PRESSURE RANGE
Start-Up Mode	0 - 12 SLPM	7 - 25 mmHg
Maintain Mode	0 - 40 SLPM	7 - 25 mmHg

PERFORMANCE	RESOLUTION	ACCURACY
Pressure	1 mmHg	± 1 mmHg
Flow	1 SLPM	± 1 SLPM

SMOKE EVACUATION

Flow Rate	>10 LPM

TECHNICAL SPECIFICATIONS

PHYSICAL

Dimensions (W x H x D)	13cm x 16cm x 33cm (5.1" x 6.3" x 13")
Weight	5.6 kg (12.4 lb)

ENVIRONMENTAL

OPERATING CONDITIONS:

Temperature	15 to 35°C (59 to 95°F)
Humidity	15 to 95% relative humidity (non-condensing)
Atmospheric Pressure	700 to 1040 hPa
Altitude	Below 2000m

STORAGE CONDITIONS:

Temperature	-20 to 50°C (-4 to 122°F)
Humidity	10 to 95% relative humidity (non-condensing)
Atmospheric Pressure	600 to 1040 hPa

ELECTRICAL

Power Supply	100 - 240 VAC
Frequency	50 / 60 Hz
Power Consumption	110 VA (max.)
Fuse	T 1A / 250V

PNEUMATIC

Insufflation Gas	Medical grade CO_2
Evacuation Gas	Air
CO_2 Inlet Pressure Range	50 - 70 psi (345 - 483 kPa)
Air Inlet Pressure Range	50 - 70 psi 345 - 483 kPa)

COMPLIANCE

International Standards	EN 60601-1:2012, Ed 3.1, and U.S. and Canadian deviations EN 60601-1-2:2015, 4th Edition
Safety Classification	Class I, Type BF, IPX1

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