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Progress in Surgery

CO₂ Insufflator AIRFLOW SERIES



08.2013

AIRFLOW SERIES CO₂ INSUFFLATORS

The new AIRFLOW Series increase efficiency and safety considerably. Use either gas bottles or central gas supply. Choose your unit with gasflow power up to 45L/min and with or without an advanced, autoclavable and efficient heating system. All units display needed values easily observable. No disruption between gasflow and pressure reading phases thanks to newest technology in CO₂ Insufflation. An automatic self-check after switching on ensures the perfect function of all system components. Contamination of the gas way is eliminated by the included sterile filter.

Set includes:



Main Unit
(Mains Cable included)



Sterile Filter
300-902-007



Wrench Set (SW30/SW14)
300-902-006



CO₂ High Pressure Tube
300-902-003



Standard Silicone Tube
300-902-005



Silicone Tube (only Heater-Version)
300-902-004



Optional available:
300-902-008
CO₂ Bottle, 0.75kg, empty



Gas heater with tube (only Heater-Version)
300-902-001



AIRFLOW Series	Maximum gasflow	Heating unit
A2 300-900-020	20L/min	-
300-900-021	20L/min	✓
A3 300-900-030	30L/min	-
300-900-031	30L/min	✓
A4 300-900-040	45L/min	-
300-900-041	45L/min	✓



Choose with or without gas heater



Skid-proof pedestals

TECHNICAL DATA

AIRFLOW

Line Voltage	100-240 V/AC - Fuse T 3, 15A
Frequency	50-60 Hz
Power Consumption	25-40W 25-105W (with gas heating) max. 0,4A (max. 1A with gas heating)
Insufflation Pressure	1-30 mmHg
Gas Flow	1-20L/min (300-900-020 / -021) 1-30L/min (300-900-030 / -031) 1-45L/min (300-900-040 / -041)
Gas connection	UNF 7/16" male
Gas	Medical Grade Carbon Dioxide
Device Type acc. to DIN EN 60601-1:2005	BF
Classified acc. to EG-Guidelines 93/42/EEC	IIb
Safety Class acc. to DIN EN 60601-1:2005	I
Manufactured and tested according to	DIN EN 60601-1:2007
Radio interference suppression	DIN EN 60601-1-2:2007
Operating Conditions	+10 to +40°C Relative humidity of air: 20 - 80% 1000-750mbar / approx. 0-3000m
Storage/Transport Conditions	-20° to +70°C Relative humidity of air: 10 - 90% 1000-350mbar / approx. 0-8000m
Splashproofed	IPX 1
Registration	CE 1253
Dimensions	380 x 120 x 360 mm (WxHxD); 11 kg

