

Fusion™ CO₂

Insufflator

- Insufflation featuring automatic flow management
- Remaining insufflation time displayed in minutes
- Insufflation range of 2 L/min - 45 L/min



- Controllable with Ackermann Fusion™ camera head
- Internatl heating system
- Automatic detection of change-over to high and low flow rate
- Equipped with external desufflation valve to manage overpressure and cross-contamination
- Recommended to use with Ackermann high pressure hose and compatible only with Ackermann insufflation tubings (reusable and single use)
- Ideal for low pressure (8-9 mmHg) as well as bariatric procedures

Technical Specifications


Item # 16-2045 / Ackermann Fusion CO₂ Insufflator, 45 L

Touchscreen	7" LCD touchscreen with 16:10 format
Displays	Immediate flow rate; Pressure in cavity; Total volume of CO ₂ used; Low cylinder levels; Insufflation time in minutes
CO ₂ gas supply system	US 7/16" connector
Pressure range	CO ₂ cylinder 10 to 60 bars; Central gas wall plug 3 to 5 bars
Maximum flow rate	45L/min in high-flow mode; 2L /min in low flow mode
Pressure setting and accuracy	0 to 25 mmHg; 1 mmHg
Gas evacuation	External valve
Automatic functions	Pressure management; High flow mode to compensate deflation; Detection of CO ₂ cylinders and wall plugs
Additional parameters	Integrated bariatric insufflation parameters
Dimensions	310 x 136 x 385 mm
Weight	8 kg
Electric power supply	100 - 230 VAC @ 50 Hz - 60 Hz
Power consumption	75 VA
Instructions for use	Always available on screen


Accessories included with Unit

	Item no.
External filter for CO ₂ bottles & wrench	16-2045-300
Power cord	16-2045-400
Instructions for use	n/a

Patient Tubing Sets

	Item no.	
Sterile tubing set with Y-adapter and filter, single-use (PU = 10 pcs.) Recommended	16-2040-100YD	
Reusable tubing set with Y-adapter, autoclavable, without filter	16-2040-100Y	
Sterile filter for autoclavable tubing set, single-use (PU = 10 pcs.)	16-2040-200	

High Pressure Hoses with Bottle Connectors

	Item no.	
High pressure hose for insufflators, US-plug (UNF 7/16) on bottle side	16-2040-2000	
High pressure hose for insufflators, DIN-index-plug (DIN 477-1) on bottle side Recommended	16-2040-2001	
High pressure hose for insufflators, PIN-index-plug on bottle side	16-2040-2002	