

Esse 3 I'750 Insufflator

Germany Technology , Italian Design



MF-40

MF-40-H

MF-30

MF-30-H

MF-20

MF-20-H

MF- 40 / 30 / 20 MF- 40-H / 30-H / 20-H

The MF-series is a complete new designed line of CO₂ insufflators with outstanding technical features. The units are controlled by microprocessors of the latest generation. Stable pressure balance in the abdomen is guaranteed by high gas flow performance and low insufflations pressure.

MF-series meets all your needs in minimal invasive surgery its unique feature is a 20,30,or 40 liter per minute gas insufflations that delivers maximum performance and highest of patent safety.

■ ADVANCE CONTINUOUS FLOW

The MF series stands for ACF advanced continuous flow insufflations that means no

More disruptions between gas-flow and pressure reading phases.

No more guessing-indicated gas-flow is the actual gas-flow.

■ SOFTWARE

Software controlled pressure release mechanism prevents dangerous pressure build up in the abdomen when using such apparatus as laser or argon beamers.

■ SAFETY

Automatic self check, activated each time unit is switched –on makes sure all electronic and pneumatic components are in good running order, This safety feature carries a guarantee for the lifetime of the unit. The changeable sterile filter prevents reflux of liquids and contamination of the gas way.

■ SYSTEM GAS HEATER

For reduction of post surgery problems the MF-series is available with a high efficient gas heater. The gas heater is pre-adjusted and works, on a plug and play base full automatically. The heat exchanger can be autoclaved with the tube set.

■ VIDEO OSDD

The OSDD(On-Screen Data Display) gives the surgent the possibility to display the important values on the video monitor of the endoscopic camera..

■ FLEXIBLE GAS SUPPLY

The MF-series can be used with gas bottles of central gas supply systems. The gas supply mode can be changed very easily by integrated software.

MODELS

Max. gas-flow

20l/min 30l/min 40l/min

MF-20 MF-30 MF-40

With gas-heater

MF-20-H MF-30-H MF-40-H

TECHNICAL DATA

Insufflation pressure:	4-22mmHg
Power supply:	220V,50-60Hz,30W
Dimension(WxHxD):	300x300x93mm
Weight:	6kg
Gas:	carbon dioxide (medical)
Gas connection:	UNF7/16 20G
Video connection:	Input: 1x FBAS(BNC) 1x Y/C
(only-V versions)	Output : 1x FBAS(BNC) 1x Y/C
Class/Type:	2b/BF
Manufactured and tested acc.	ISO13485 ISO9001

Accessories

Silicone tube set with ISO/LL-M or ISO/Large-Bore-M Connection

High pressure tube UNF-UNF

CO₂- adapters to:
Pin Index
ISO5145

Delivery contains

Insufflator

CO₂ high pressure tube UNF to German gas connection

Standard silicone tube set (not-H versions)

System gas heater with tube set (only-H versions)

Video cable (only-V versions)



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