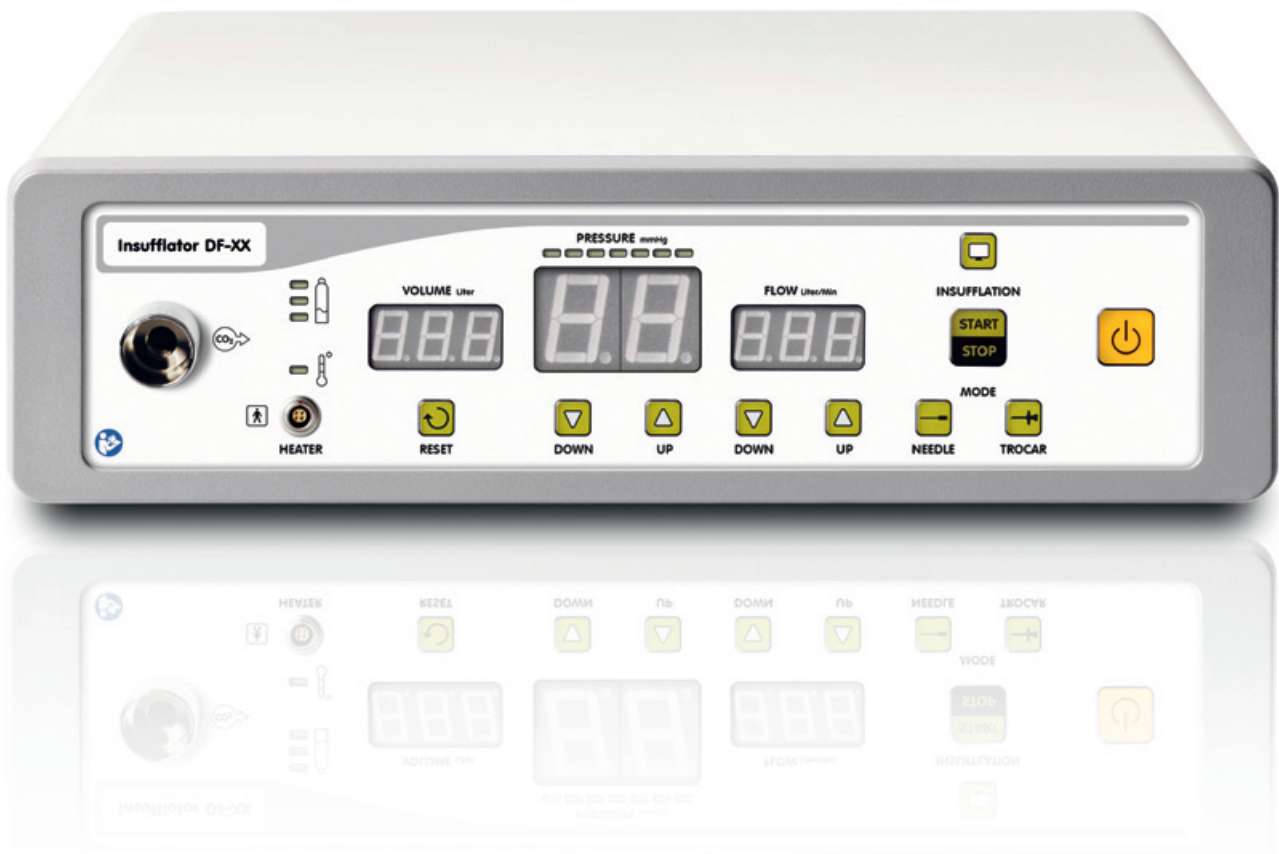


INSUFFLATOR

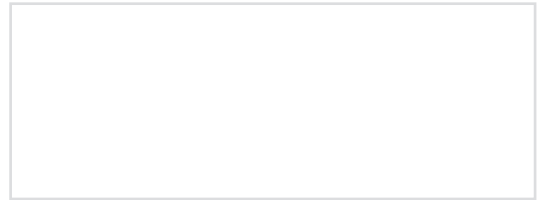
CO₂-INSUFFLATOR DF series

- Full automatic
- Filter system for sterility
- Up to 45 liters/ minute
- Microprocessor controlled



INSUFFLATOR

CO₂-INSUFFLATOR DF series



Series	Description
DF-315	Maximum gasflow: 15 l/min
DF-320	Maximum gasflow: 20 l/min
DF-330	Maximum gasflow: 30 l/min
DF-345	Maximum gasflow: 45 l/min
Options	
Version H	• With gas heater
Version V	• With OSD - On-Screen-System (only available with connected ILO OSD Camera)
Technical Data	
Insufflator pressure:	• 0 - 30 mmHg
Power supply:	• 100 - 240 VAC, 50 - 60 Hz
Power consumption:	• 25 - 40 VA (25-105 VA with gas heating)
Protection class (acc.to IEC 60601-1):	• I
Safety class:	• BF
IP code:	• 31
Standard:	• IEC 60601-1-2
Device classification (acc. to MDD 93/42/EEC):	• IIb
Gas:	• Carbon dioxide (medical)
Gas connection:	• UNF 7/16"
Dimensions:	• Control unit: 355mm x 105mm x 253mm (WxHxD); 6,5 kg
Delivery contains:	• Insufflator, mains cable, CO ₂ high pressure tube UNF to German gas connection, wrench set: SW14/ SW30, sterile filter, standard silicone tube (not H version), system gas heater with tube set (only H version), user manual
Features:	<ul style="list-style-type: none">• Flexible gas supply: The device can be used with gas bottles or central gas supply systems. The gas supply mode can be changed very easily by integrated software.• System gas heater: For reduction of post surgery problems the DF Series is available with a high efficient gas heater. The gas heater is preadjusted and works on a plug and play base full automatically. The heat exchanger can be autoclaved with the tube set.• OSD: The On-Screen-Display gives the surgeon the possibility to display the important values on the monitor.• ACF: The DF Series stands for Advance-Continuous-Flow-Insufflation. That means no more disruption between gasflow and pressure reading phases.• Safety: The automatic self check is activated each time the unit is switched on to ensure that all electronic and pneumatic components are in good running order. This safety feature carries a guarantee for lifetime of the unit. The changeable sterile filter prevents reflux of liquids and contamination of the gas way.• Differential pressure indicator: A colored LED array shows the actual-setpoint pressure difference between setted value and factual value in the patient.