

Data sheet

iFlow and accessories

iFlow	
Regulation	
Description	Irrigation and suction pump
Intended use	4 applications: Hysteroscopy, Laparoscopy, Urology et Arthroscopy
Photo	
CE marking	Yes
Device class	IIb
Protection class (I, II or III)	I
Type (B, BF or CF)	BF
Article reference	D110 100 011
Defibrillator protection	No
Complies with European directive	93/42/CEE
Complies with international norms	IEC 60601-1, IEC 60601-1-2
Technical data	
Dimension (w x h x d)	380 x 148 x 388 mm
Weight	6,3 kg
Control of the negative suction	2 levels (MIN and MAX) adjustable via the touch screen
MAX negative suction pressure	450 mmHg / 60 kPa
MIN negative suction pressure	225 mmHg / 30 kPa
Measurement range	Flow: 0-1,8 L/min Pressure: 0-300 mmHg Deficit / inflow volume: 9995 mL

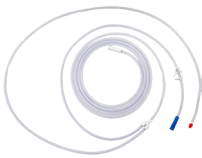
Precision (repeatability)	Flow: ± 10 % Pressure: ± 10 mmHg Deficit: ± 10 % (relative to pumped inflow volume)
Accuracy	Flow: ± 10 % Pressure: ± 5 % (of final value) Deficit / inflow volume: ± 10 % (relative to pumped inflow volume)
RFID Transponder technology	Yes. Working frequency: 13,5609 MHz Transmitting power: -7,51 dB μ A/m at 10 m
Power supply	100-240 V AC, 50/60 Hz
Power consumption	62,4 VA
Fuses	2 x T 3,15 AH, 250 V, UL-recognized
Environment	
Operating conditions	Temperature: 10 to 40 °C / 50 to 104 °F Relative humidity: 30 to 70 % Air pressure: 70 to 106 kPa 3 000m max. altitude above sea level for device use
Storage conditions	Temperature: 5 to 40 °C / 41 to 140 °F Relative humidity: 5 to 85 % Air pressure: 70 to 106 kPa
Transport conditions	Temperature: -20 to 60 °C / -4 to 140 °F Relative humidity: 5 to 90 % (at 30°C / 86°F) Air pressure: 70 to 106 kPa
Protection against water splash (IPXO)	IP41
Suitable for use in the presence of flammable anesthetic mixture with air and oxygen or nitrous oxide.	No
Max. sound level	< 80 dB(A) (with acoustic signals)
Hysteroscopy transponder	
Regulation	
Description	Transponder for Hysteroscopy program
Photo	

Article reference	D110 100 007
Technical data	
Pressure range	15 to 150 mmHg
Flow range	50 to 500 mL/min
Instrument recognition function	Yes
«Wash» Function	No
Automatic deficit calculation function (if scale connected)	Yes
Urology transponder	
Regulation	
Description	Transponder for Urology program
Photo	
Article reference	D110 100 009
Technical data	
Pressure range	10 to 90 mmHg
Flow range	25 to 500 mL/min
Instrument recognition function	Yes
«Wash» Function	No
Automatic deficit calculation function (if scale connected)	Yes
Laparoscopy transponder	
Regulation	
Description	Transponder for Laparoscopy program
Photo	
Article reference	D110 100 004

Technical data	
Pressure range	Not adjustable
Flow range	3 possible values: - Low: 1,0 mL/min - Medium: 1,4 mL/min - High: 1,8 mL/min
Instrument recognition function	No
«Wash» Function	No
Automatic deficit calculation function (if scale connected)	No
Arthroscopy transponder	
Regulation	
Description	Transponder for Arthroscopy program
Photo	
Article reference	D110 100 008
Technical data	
Pressure range	5 to 150 mmHg
Flow range	0,1 to 1,8 L/min
Joint type	4 availables: Knee, shoulder, hip and small joints
Factory settings KNEE	Pressure: 45 mmHg Flow: 1,0 L/min
Factory settings SHOULDER	Pressure: 50 mmHg Flow: 1,5 L/min
Factory settings HIP	Pressure: 60 mmHg Flow: 1,0 L/min
Factory settings SMALL JOINTS	Pressure: 35 mmHg Flow: 0,7 L/min
Instrument recognition function	Yes

«Wash» Function	Yes. Wash time: 10, 20 or 30 seconds (factory setting) Nominal pressure: +50% (max. 150 mmHg) Nominal flow: +0,5 L/min (max 1,8 L/min)
Automatic deficit calculation function (if scale connected)	No
Pedal	
Regulation	
Description	Double foot pedal control
Photo	
Article reference	D110 100 010
Technical data	
Hysteroscopy function	Left pedal: START / STOP Right pedal: PAUSE / RESUME
Urology function	Left pedal: START / STOP Right pedal: PAUSE / RESUME
Laparoscopy function	Left pedal: START / STOP Right pedal: NO ACTION
Arthroscopy function	Left pedal: START / STOP Right pedal: START / STOP WASH FUNCTION
Scale	
Regulation	
Description	Digital scale for container allowing calculation of the Input/output balance sheet
Photo	
Article reference	D110 100 000
Technical data	
Max. scale capacity	9 kg
Tolerance allowed (otherwise a recalibration must be done)	< 100 g

Container for secretions	
Regulation	
Description	Bemis Container for secretions
Photo	
Article reference	D110 100 006
Technical data	
Volume	3 L
Material	Plastic
Packaging	Delivered by 2
Single-use irrigation tube	
Regulation	
Description	Single-use irrigation tube
Photo	
Article reference	D110 100 001
Technical data	
Sterile	Yes
Reusable	No
Packaging	Box of 10
RFID Technology	Yes
Reusable irrigation tube	
Regulation	
Description	Reusable irrigation tube
Photo	
Article reference	D110 100 005

Technical data	
Sterile	No
Autoclavable	Yes
Reusable	Yes. 20 times.
Packaging	Supplied individually
RFID Technology	Yes
Suction tube	
Regulation	
Description	Single-use suction tube
Photo	
Article reference	D110 100 002
Technical data	
Number of connectors	2
Sterile	Yes
Reusable	No
Packaging	Box of 10
RFID Technology	No
Vacuum suction tube	
Regulation	
Description	Vacuum suction tube
Photo	
Article reference	D110 100 003
Technical data	
Filter	Yes
Sterile	No
Reusable	Yes. For a period of 30 days.
Packaging	Supplied individually
RFID Technology	No