

Company									
Product name	iFlow	Endomat Select	HysteroFlow	Multi Flow Pump	Universal Pump	Fluid control 2225	EndoFlow II		FluidSafe
							Single Chamber	Dual Chamber	
Photo	See annex of this document								
System	Roller pump	Roller pump	Roller pump	Roller pump	Roller pump	Roller pump	Pressure chamber		Roller pump
Dimensions	380 x 148 x 388 mm	NP*	370 x 157 x 396 mm	305 x 183 x 305 mm	306 x 120 x 330 mm	300 x 157 x 436 mm	400 x 425 x 420 mm	520 x 450 x 240 mm	710 x 1400 x 810 mm
Weight	6,3 kg	NP	6,1 kg	8,2 kg	7,5 kg	8,8 kg	13 kg	21 kg	26 kg
Vacuum system integrated in the machine	✓	✗	✗	✓	✗	✓	✗	✓	✗
Maximum suction flow	2 L/min	✗	✗	4 L/min	✗	2 L/min	NP		✗
Maximum negative suction pressure	450 mmHg	✗	✗	525 mmHg	✗	450 mmHg	✗		✗
Adjustable suction	✓ 2 speeds	✗	✗	✓ 2 speeds	✗	✗	✗		✗
Presure and flow settings	Touch screen 5,7"	Touch screen	Touch screen	Touch screen	Push buttons	Touch screen	Touch screen		Push buttons

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Number of programs available		4	5	1	4	3	3	4		1
Possible addition of programs later (by transponders)			 (A representative of Storz has to come for modification of the software)				 (All programs are present automatically)	 (All programs are present automatically)		
Hysteroscopy program	Pressure range	15 to 150 mmHg	NP	35 to 150 mmHg	15 to 200 mmHg	10 to 200 mmHg	15 to 200 mmHg	15 to 170 mmHg		15 to 150 mmHg
	Flow range	50 to 500 mL/min	NP	30 to 500 mL/min	max. 2 500 mL/min	100 to 500 mL/min	Not adjustable 800 mL/min	NP		30 to 500 mL/min
Laparoscopy program	Pressure range	Not adjustable			Not adjustable		Not adjustable	75 à 750 mmHg		
	Flow range	1 to 1,8 L/min			max. 3,5 L/min		0,1 to 1,8 L/min	NP		

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Urology program	Pressure range	10 to 90 mmHg	NP	✗	15 to 150 mmHg	10 to 150 mmHg	15 to 90 mmHg	15 to 140 mmHg		✗
	Flow range	0,025 to 0,5 L/min	NP	✗	max. 0,5 L/min	0,1 to 1,0 L/min	0,01 to 0,8 mL/min	NP		✗
Arthroscopy program	Pressure range	5 to 150 mmHg	NP	✗	15 to 200 mmHg	10 to 150 mmHg	✗	30 to 260 mmHg		✗
	Flow range	0,1 to 1,8 L/min	NP	✗	max. 0,5 L/min	0,1 to 2,0 L/min	✗	NP		✗
Other programs		✗	ENT, neurology	✗	✗	✗	✗	✗		✗
Irrigation tubes		R* or SU* (x10)	SU (x10)	R or SU (x5)	R or SU (x10)	SU or 1 day use	R or SU (x10)	SU (x10)		R or SU (x10)
Level of difficulty of insertion of the tubes		Easy	Medium	Easy	Medium	Hard	Easy	Easy		Easy

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Monitoring of the use of irrigation tubes	RFID technology	✗	✗	✗	✗	✗	RFID technology		✗
Detection of the instrument used	✓ only in hysteroscopy and urology	✗	✓	✓ only in arthroscopy and urology	✗	✓	✗		✓
Suction/flow tubes	SU (x10)	✗	SU (x5)	SU (x10)	✗	SU (x10)	SU (x10)		SU (x10)
Vacuum suction tubes with filter	R 30 days	✗	✗	R (x10)	✗	R	✗		✗
Container	Bemis SU 3L (x2)	✗	Bemis SU 3L	✗	✗	Bemis SU 3L (x2) or R 3L	✗		Bemis
Calculating the deficit by digital balance	✗	✗	✓	✓ only in hysteroscopy	✗	✓	✗		✓
Changing the fluid bag forces the machine to stop	✗	✗	✗	✗	✗	✗	✓	✗	✗

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Presence of alerts	messages + red value display + audible alerts	NP	messages + red value display and yellow background+ audible alerts	NP	NP	red value display + audible alerts	change of pictograms when opening door + chamber heating	warning light + flashing value + audible alerts
Cart	✗	✗	✓	✗	✗	✓	✗	✓
Remote control	✗	✗	✗	✓ (wireless)	✓ (wired)	✗	✗	✗
Footswitch control	✓ on/pause/off irrigation	✓ only in arthroscopy	✗	✓ only in arthroscopy	✗	✓ only in urology	✓ suction speed and pressure boost	✗

Annex:



iFlow



Endomat Select



HysteroFlow



Multi Flow Pump



Fluid Control 2225



Universal Pump



Fluid Safe



EndoFlow II Single Chamber



EndoFlow II Dual Chamber