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TECHNICAL SPECIFICATIONS

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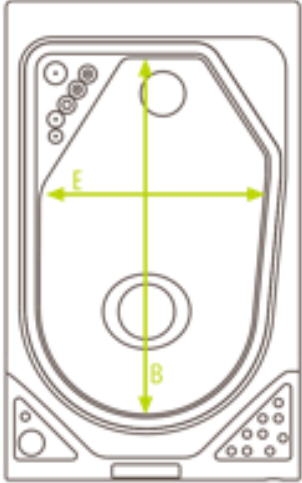
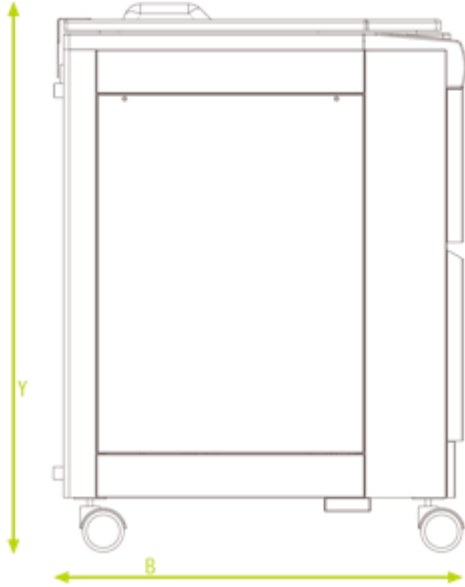

ENDOCLEANER TECHNICAL SPECIFICATIONS

			EC-411	EC-711
1	Endoscope compatibility	Olympus	Yes	Yes
		Pentax	Yes	Yes
		Fujinon	Yes	Yes
		Storz	Yes	Yes
		Other flexible endoscopes	Yes	Yes
2	Disinfectants used	Nonfoaming disinfectants	Yes	Yes
		Concentrated disinfectant	Yes	Yes
		Ready to use disinfectant	Yes	Yes
		Single use disinfectant	Yes	Yes
		Disinfectant activator using by water	OP	OP
3	Programing and mesagging screen	Touch screen colour LCD	Yes	Yes
		User coding system	Yes	Yes
		Language selectable warning screen (TR-ENG)	Yes	Yes
4	Washing and disinfecting steps	Pre-cleaning (with water)	Yes	Yes
		Enzymatic / detergent washing	Yes	Yes
		Enzymatic rinsing (with water)	Yes	Yes
		Disinfection	Yes	Yes
		Disinfection rinsing (with water)	Yes	Yes
		Alcohol	OP	OP
		Air		
		The washing and disinfecting steps are configurable in terms of cycle duration and the number of repetitions, depending on user requirements.	Yes	Yes
5	Leakage test	By air	Yes	Yes
		By air and water	Yes	Yes
		Full automatic (Viisual and voice warning)	Yes	Yes
		Leak test connection is different from other channel connections	Yes	Yes
		Connection inside the basin	Yes	Yes
		During the whole process		
		By applying 0.20-0.45 mbar air pressure	Yes	Yes
6	Concentrated liquits used	Enzymatic	Yes	Yes
		Concentrated disinfectant	OP	OP
7	Dosing concentrated liquids	0-999 ml	OP	OP
		0-500 ml	Yes	Yes
		0-100ml	OP	OP
		0-n (specially adjustable)	Yes	Yes

8	Channel Connections	2-4 connections	Yes	Yes
		2-6 connections	OP	OP
		2-8 connections	OP	OP
		2-10 connections	OP	OP
9	Number of scopes	1 scope	Yes	Yes
		2 scope	OP	OP
10	Traceability	Personnel recognition with RFID	Yes	Yes
		Endoscope recognition with RFID	Yes	Yes
11	Kind of programs	15 washing program (F1....F15 automatic)	Yes	Yes
		Manuel washing program	Yes	Yes
		Self disinfection program	Yes	Yes
		Automatic disinfectan tank disinfection program	Yes	Yes
		Automatic basin disinfection program	Yes	Yes
12	Liquids passing through channels (lt/min)	2,5	OP	OP
		3	OP	OP
		3,2	Yes	Yes
13	Air passing through channels	1,5 (lt/5sec)	OP	OP
		2 (lt/5sec)	OP	OP
		2,5 (lt/5sec)	Yes	Yes
		Drying	Yes	Yes
		Hepafilter	Yes	Yes
14	Number of disinfectant tank	Disinfectant tank A (1 tank)	Yes	Yes
		Disinfectant tank A and B (2 tank)	OP	OP
15	Capacity of disinfectant tank	3-15 lt	Yes	Yes
		3-20 lt	OP	OP
16	Capacity of water tank	3-15 lt	Yes	Yes
		3-20 lt	OP	OP
17	Capacity of concentrated disinfectant tank	1-3 lt	Yes	Yes
		1-5 lt.	OP	OP
		1-7 lt.	OP	OP
		Different colored lid	Yes	Yes
18	UV Lamp	1 lamp	Yes	Yes
		2 lamps	OP	OP
		Hour meter for UV lamp (Visual and voice warning)	Yes	Yes
19	Liquid level indicators	Digitally LCD	Yes	Yes
20	Waste channels	1 for all liquids	Yes	Yes
		1 for only chemicals	OP	OP
21	Heater	Disinfectant A (4-65°C)	OP	OP

		Disinfectant B (4-65°C)	OP	OP
		Water (4-65°C)	OP	OP
22	Power	AC 220/230V 50/60Hz 100W	Yes	Yes
		AC 220/230V 50/60Hz 500W	OP	OP
		AC 220/230V 50/60Hz 1000W	OP	OP
		AC 220/230V 50/60Hz 150W	OP	OP
23	Voltage Protection	Siemens Relay for current leakage	Yes	Yes
24	Weight	80-100 kg	Yes	Yes
25	Dimensions	45 x 75 x 101 cm	Yes	Yes
26	Printer	Thermal	Yes	Yes
		Dot matrix	OP	OP
		All the datas are printable	Yes	Yes
27	Data connections	RJ-45 Network	OP	OP
		RS-232 Serial Port	OP	OP
		RS-485	Yes	Yes
		Wireless	OP	OP
		RF	OP	OP
		USB	OP	OP
		GPRS	OP	OP
		All the datas are convertable for computers	Yes	Yes
28	Data record systems	Process date and time	Yes	Yes
		Process sequence number	Yes	Yes
		Process number	Yes	Yes
		Personnel data	Yes	Yes
		Scope data	Yes	Yes
		Process duration	Yes	Yes
		Process result	Yes	Yes
29	Basin	1-8 injection system	Yes	Yes
		360° sprinkler system	Yes	Yes
30	Wheels	4 lockable wheels	Yes	Yes
31	Top cover	Silicon seal	Yes	Yes
32	Entegration	MedGate MIP	OP	OP
		HIS	OP	OP
		XML	OP	OP
33	Water filtration	0.2 micron string or spun	OP	OP
		1 micron string or spun	Yes	Yes
		5 micron string or spun	Yes	Yes
		Carbon	OP	OP

		The other cartidge filters	OP	OP
34	Biopsy channel connectors (only one for one brand is standartd)	GZD-44 (For Olympus)	Yes	Yes
		EC-1102 (For Pentax)	Yes	Yes
		KML-44 (For Fujinon)	Yes	Yes
		ODW-29 (For Storz)	Yes	Yes
35	Aspiration Connection Pipe (only one for one brand is standartd)	Olympus	Yes	Yes
		Petnax	Yes	Yes
		Fujinon	Yes	Yes
		Storz	Yes	Yes
36	Handle Connectors (only one for one brand is standartd)	OK-19 (For Olympus)	Yes	Yes
		PK-19 (For Pentax)	Yes	Yes
		FJ-21 (For Fujinon)	Yes	Yes
		OK-22 (For Storz)	Yes	Yes
37	Neutralization System	Neutralization program	Yes	Yes
		Cap for glycine	OP	OP
		Cap for sodium bisulfate	OP	OP
38	Disinfection types	Endoscope outer surface	Yes	Yes
		Endoscope channels(Continuous disinfection circulation during disinfection)	Yes	Yes
		Top surface of sprinkle in basin	Yes	Yes
		Base of taps in basin	Yes	Yes
		All the connectors in basin	Yes	Yes
		Disinfection tank	Yes	Yes
		Water Tank	Yes	Yes
39	Basin	Acrylic	Yes	Yes
		Stainless steel	OP	OP
40	High-tech functions	Audible and visual warning in case of blockage in the basin microfilter	Yes	Yes
		Audible and visual warning in case of blockage in the disinfectant tank microfilter	Yes	Yes
		Cover sensor	OP	OP
		Cover lock	OP	OP
		Hepa filter	Yes	Yes
		Measurement of the amount of liquid passing through the channel	OP	Yes
		Open cover with foot pedal	OP	OP
		Color LCD	Yes	Yes
		Endomonitorizing	Yes	Yes
		Chanel monitoring	OP	Yes
		Double water inlet for temperature control	OP	OP
		Disinfectant performance test strip area	OP	OP
On GPRS, trouble and maintenance warnings	Yes	Yes		

<p>41</p>	<p>Top View Dimensions of the Basin</p>	 <p>A technical drawing showing the top view of the basin. It is a rectangular shape with rounded corners and a central circular opening. Two green dimension lines are shown: a horizontal line labeled 'E' across the width and a vertical line labeled 'B' across the height.</p>	<p>340 x 540 mm</p>
<p>42</p>	<p>Side View Dimensions</p>	 <p>A technical drawing showing the side view of the unit. It is a rectangular cabinet on wheels. A green dimension line labeled 'Y' indicates the height, and another labeled 'B' indicates the width.</p>	<p>75 x 101 mm</p>
<p>43</p>	<p>Front View Dimensions</p>	 <p>A technical drawing showing the front view of the unit. It shows the front panel with a control area on the right side. A green dimension line labeled 'Y' indicates the height, and another labeled 'E' indicates the width.</p>	<p>45 x 101 mm</p>