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B Futura-17 / B Futura-22 / B Futura-28



 **CEFLA S.C.** VIA SELICE PROVINCIALE 23/A - 40026 IMOLA (BO) ITALY
PLANT: VIA BICOCCA 14/C - 40026 IMOLA (BO) - ITALY

EN

3.2. TECHNICAL SPECIFICATIONS

3.2.1. SUMMARY TABLE

Device	WATER STEAM STERILIZER		
	17	22	28
Class (according to Directive 93/42/EEC and subsequent amendments)	IIb		
Manufacturer	CEFLA s.c. Headquarters Via Selice Provinciale 23/A – 40026 Imola (BO) IT		
Input voltage	220 V - 240 V~ 50 Hz 220 V - 240 V~ 60 Hz 120V~ 60 Hz		
Network fuses (6.3 x 32 mm)	2x T15A 250V		
Electronic board fuses (5 x 20 mm)	F1: T3.15A 250V (transformer primary 220/240 V~ 50 Hz 220/240 V~ 60 Hz) F2: T3.15A 250V (transformer primary 120 V~ 60 Hz)		
Nominal power	2300 W 1440 W (120V~ / 60 Hz)		
Insulation class	Class I		
Installation category (according to EN 61010)	Cat. II		
Operational environment	Indoor use HUMID LOCATION (EN 61010 extended environmental conditions)		
A-weighted sound power level (ISO 3746)	< 67 db (A)		
Degree of protection (IP Code) (EN 60529:1991+A1:2000+A2:2013)	IP21		
Environmental operating conditions	Temperature: +15°C ÷ +35°C Relative humidity: between 20% and 80% max non-condensing Altitude: min -100 m / max. 3000 m (a.s.l.)		
External dimensions (HxWxD) (rear connections excluded)	500 x 480 x 600 mm		
Net weight: unladen unladen, with tray holder support and trays unladen, with tray holder support, trays and water at MAX level	approx. 48 kg approx. 51 kg approx. 53 kg	approx. 49kg approx. 52 kg approx. 654 kg	approx. 50kg approx. 53 kg approx. 55 kg
Sterilization chamber dimensions (D x D)	250 x 350 mm	250 x 450 mm	280 x 450 mm
Sterilization chamber total volume	approx. 17 l (0.017 cu. m)	approx. 22 l (0.022 cu. m)	approx. 28 l (0.028 cu. m)
Sterilization chamber usable volume (with tray holder support inserted)	approx. 10 l (0.010 cu. m)	approx. 13 l (0.013 cu. m)	approx. 19 l (0.019 cu. m)
Sterilization chamber usable dimensions	17 l (1.38x1.55x2.97) dm / 6.4 cu. dm	22 l (1.38x1.55x3.97) dm / 8.5 cu. dm	28 l (1.72x1.66x3.96) dm / 11.3 cu. dm
Water tank capacity (filling)	approx. 5.5 l (water at MAX level) approx. 1 l (water at MIN level)		
Sterilization programs	5 standard programs + 1 program defined by the user		
Test programs	Helix/BD TEST Vacuum Test Vacuum Test+Helix/BD Test		
Pre-heating time (from cold)	approx. 10 min		

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USB connection	Stick capacity lower than or equal to 2GB: FAT formatting with 16K/sector Keys capacity higher than 2GB: FAT32 formatting with 16K/sector		
Printer connection	Serial RS232 (printer cable max length 2.5 m)		
Printer insulation class:	Class I or Class II		
Printer power supply standard:	Compliant with Standard EN 60950. (The safety of the sterilizer may be compromised in case of uncertified printer power supply unit)		
120 V 60 Hz Main power cord	NEMA 5-15 plug 125 V-15A SJT cable 14 AWG / 3C STYLE 1015 60 ° C C19 connector according to IEC 60320		
220-240 V 50 Hz Main power cord	Plug CEE 7 / VII IEC 250V-16A 50 Hz 3x1.5 sq.mm cable from -25 to 70° C C19 connector according to IEC 60320 UL 498, CSA C22.2		
220 V 60 Hz Main power cord:	NEMA 6-15P plug 250V-15A SJT 14 AWG / 3C 300V 60° C C19 connector according to IEC 60320		
Ethernet connection	RJ45 (max. cable length 29 m)		
Wi-Fi	802.11 b/g/n (2.4 Ghz); WEP / WPA / WPA2-PSK encryption		
Bacteriological filter (filter element in PTFE)	Porosity: 0.027 microns Connection: male connector 1/8" NPT		
Maximum flow of drained water	1 l/min.		
Temperature of drained water	50° C		
Maximum temperature of drained water	90° C		
Total heat in Joule sent by the sterilizer to the surrounding air in 1 hour of continue operation	17 l = 3.6 MJ	22 l = 4 MJ	28 l = 5.4 MJ
Manoeuvre/handling space	1 m x 1 m		

Device	17	22	28
Class (according to Directive 2014/68/EU PED)	Category I	Category II	Category II
Working pressure	-0.8 ÷ 2.4 barg	-0.8 ÷ 2.4 barg	-0.8 ÷ 2.4 barg
Safety device set	2.4 barg	2.4 barg	2.4 barg
PT	500 kPa (abs)	500 kPa (abs)	500 kPa (abs)
PS	2.4 barg	2.4 barg	2.4 barg
TS	10 ÷ 140 °C	10 ÷ 140 °C	10 ÷ 140 °C
Fluid Group	2	2	2



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