Product specification

MPS P II · Modular paraffin embedding center

Item No.: 10185000 230 V, 50/60 Hz
Item No.: 10187000 115 V, 60 Hz

MPS C MPS P MPS W

The flexible 3-module system consists of a dispensing element MPS P, a pre-warming module MPS W and a cooling plate MPS C or MPS CX.

Specifications MPS P

	115 V	230 V
Nominal supply voltage	115 V AC +/-10 %	230 V AC +/-10 %
Nominal frequency	60 Hz	50 / 60 Hz
Power draw	400 VA	
Protective Class (1)	I	
Power fuses	2xT4 A	2xT2,5 A
Pollution degree (1)	2	
Overvoltage installation category	II	
Maximum heat emission	400 J / s	
Operating temperature range	+10 to +35 °C	
Temperature range during storage	+5 to +55 °C	
Relative humidity	max. rel. 80 % non-condensing	
Humidity during storage	max. rel. 80 % non-condensing	
Dimensions (w x d x h)	450 x 590 x 300 mm	
Weight	18 kg	

Specifications MPS P

Paraffin tank	5.5 l
Cooling spot	50 x 50 mm, min. -5 °C, fix
Forceps holders	2 x 4
Light	LED
Installation requirements	< 2.000 m NN, 15 cm distance to wall

Specifications MPS C

	115 V	**230 V**
Nominal supply voltage	115 V AC +/-10 %	230 V AC +/-10 %
Nominal frequency	60 Hz	50 / 60 Hz
Power draw	150 VA	
Protective Class (1)	I	
Power fuses	2xT10 A	2xT4 A
Pollution degree (1)	2	
Overvoltage installation category	II	
Maximum heat emission	150 J / s	
Operating temperature range	+10 to +35 °C	
Temperature range during storage	+5 to +55 °C	
Relative humidity	max. rel. 80 % non-condensing	
Humidity during storage	max. rel. 80 % non-condensing	
Dimensions (w x d x h)	400 x 590 x 300 mm	
Weight	26 kg	
Temperature range cool plate	down to -15 °C, programmable*	
Cooling gas	R290	
Work area (2)	270 x 370 mm, approx. 80 cassettes, 250 moulds, Sakura 84 – 90 pcs., Engelbrecht Super Mega Cassettes 16 – 18 pcs.	
Installation requirements	< 2.000 m NN, 15 cm distance to wall	

Specifications MPS CX

	115 V	230 V
Nominal supply voltage	115 V AC +/-10 %	230 V AC +/-10 %
Nominal frequency	60 Hz	50 / 60 Hz
Power draw	250 VA	
Protective Class (1)	I	
Power fuses	2xT10 A	2xT4 A
Pollution degree (1)	2	
Overvoltage installation category	II	
Maximum heat emission	450 J / s	
Operating temperature range	+10 to +35 °C	
Temperature range during storage	+5 to +55 °C	
Relative humidity	max. rel. 80 % non-condensing	
Humidity during storage	max. rel. 80 % non-condensing	
Dimensions (w x d x h)	600 x 590 x 300 mm	
Weight	35 kg	
Temperature range cool plate	down to -15 °C, programmable*	
Cooling gas	R290	
Work area (2)	270 x 570 mm, approx. 120 cassettes, 375 moulds, Sakura 132 – 140 pcs., Engelbrecht Super Mega Cassettes 28 – 30 pcs.	
Installation requirements	< 2.000 m NN, 15 cm distance to wall	

Specifications MPS W

	115 V	230 V
Nominal supply voltage	115 V AC +/-10 %	230 V AC +/-10 %
Nominal frequency	60 Hz	50 / 60 Hz
Power draw	320 VA	
Protective Class (1)	I	
Power fuses	2xT4 A	2xT2,5 A
Pollution degree (1)	2	
Overvoltage installation category	II	
Maximum heat emission	320 J / s	
Operating temperature range	+10 to +35 °C	
Temperature range during storage	+5 to +55 °C	
Relative humidity	max. rel. 80 % non-condensing	
Humidity during storage	max. rel. 80 % non-condensing	
Dimensions (w x d x h)	300 x 590 x 300 mm	
Weight	15 kg	
Cassette bath, storage for moulds (2)	30 – 80 °C, approx. 320 cassettes, 500 moulds	
Installation requirements	< 2.000 m NN, 15 cm distance to wall	

(1) According to IEC 1010, EN 61010
(2) Sakura cassettes 40 x 25 x 10 mm, Engelbrecht Super Mega Cassettes 53.8 x 75 x 18 mm. All other quantities refer to standard cassettes and moulds.
* All temperature specifications refer to an ambient temperature of +20 °C and a relative humidity of 60 %.

Standard components

	MPS P	MPS W	MPS C / CX
Heated paraffin (wax) container	•	–	–
Heated dispenser element	•	–	–
Heated cassette / mould storage containers	–	•	–
Cooled cassette / mould storage area	–	–	•
Heated working area	•	–	–
Cooled working area (cooling spot)	•	–	–
Magnifier	•	–	–
Paraffin collection tray	•	–	–
Working area illumination (light)	•	–	–
Foot switch for paraffin dispenser	•	–	–
Operation manual	•	•	•
Integrated electronic timer	•	•	•
Hand heat protectors	•	–	–

Comments / additional information:

In case of further questions, please feel free to contact us at every time.

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