

Specification Sheet

Media-Mate Plus Media Preparation Unit

Weight:

Main unit, dry: 67 kg (148 lbs.)

Main unit with 40 L of media: 107 kg (236 lbs.)

Size:

Length: 80.9 cm (31.9 in.)

Width: 53.4 cm (21.0 in.)

Height: 114.00 cm (44.8 in.)

Electrical:

115 VAC or 230 VAC $\pm 10\%$, 50/60 Hz, 13 A (115 VAC) or 8 A (230 VAC)

4 Fuses (TT Type):

| 115 VAC Units | 230 VAC Units |
|--------------------|----------------------|
| One ½ Amp, 250 VAC | One ½ Amp, 250 VAC |
| One ¾ Amp, 250 VAC | One 3/8 Amp, 250 VAC |
| One 8 Amp, 250 VAC | One 5 Amp, 250 VAC |
| One 15 Amp | One 8 Amp, 250 VAC |

Environment:

Maximum ambient temperature: 5 °C below temperature set point

Maximum humidity: <85%

Performance:

Cycle time: < 5 mins.

Pre-heat temperature range: 30 °C to 45 °C

Pre-heat temperature control accuracy: ± 0.5 °C

Pre-heat temperature readout accuracy: ± 0.2 °C

Pre-heat time (21 to 37 deg C): 60 mins.

Delivery volume range: 250 mL to 1000 mL

Delivery volume accuracy: ± 1.0 %

Deaeration: 95% saturation maximum

Filtration: 5 micron nominal

Tank Capacities:

Media tank volume (usable): 40 liters (10.5 gal)

Media tank volume (unusable): 8 liters (2.1 gal)

Media tank volume (unusable) with Low Volume Filter Housing: 2 L (0.5 gal)

Media volume to top of filter: 8 liters (2.1 gal)

Media volume when low water level sensor turns heater off: 18 L

Minimum submersion depth: 25 mm

Response time: < 45 seconds (normally 30 sec.)



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Wetted Materials

| | |
|----------------------|-------------------------------|
| Tank: | High density polyethylene |
| Heater: | Teflon coated |
| Filter: | Polyethylene |
| Flask: | SAN (Styrene/Acrylic/Nitrile) |
| Fittings, fill hose: | PVC |
| Tubing: | Stainless Steel and Tygon |