



MasterTech 052 Automatic Sample Feeder

SPECIFICATIONS

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Sample Capacity:

18 per tray; continues indefinitely if tray is replenished

Sample Size:

0.5 to 4 g of powder in 60 to 80 mL of liquid

Sample Type:

Any suitable for SediGraph 5100 analysis

Suspending Liquid:

Any liquid compatible with sample cell materials and not highly absorptive of X-rays. Typical liquids are water, glycols, kerosene, mineral oils, alcohols, Sedisperse[®], and mineral spirits

Wetted Materials:

Glass, stainless steel, Viton[®]1, Tygon[®]2, Silicone rubber, Polypropylene

Voltage:

100, 120, 220 or 240 VAC +/- 10%

Current:

1.25 A (100/120 VAC); 0.75 A (220/240 VAC)

Power:

180 VA maximum

Frequency:

50/60 Hz

Temperature:

10 to 40 deg C operating; -10 to 55 deg C in storage or when shipped

Humidity:

20 to 80% relative (non-condensing)

Height:

68.6 cm (27 in.) maximum (at Load position)

Width:

45.7 cm (18 in.)

Depth:

53.3 cm (21 in.)

Weight:

18 kg (40 lbs)

Footnotes:

1 Viton[®] is a registered trademark of DuPont Dow Elastomers.

2 Tygon[®] is a registered trademark of Norton Company.