MasterTech 052 Automatic Sample Feeder

SPECIFICATIONS

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 V AC +/- 10%

Current:
1.25 A (100/120 V AC); 0.75 A (220/240 V AC)

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.