



## 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<sup>®</sup>, and mineral spirits

##### Wetted Materials:

Glass, stainless steel, Viton<sup>®</sup>1, Tygon<sup>®</sup>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<sup>®</sup> is a registered trademark of DuPont Dow Elastomers.

2 Tygon<sup>®</sup> is a registered trademark of Norton Company.