

Oscillating Disc Rheometer



SPECIFICATIONS

Oscillation Frequency	: 100 Cycles / minute (1.66 Hz.)
Oscillation Amplitude	: Plus and Minus 1°, 3°, 5° (Half Cycle).
Sample Volume	: Approximately 8 cm ³ .
Temperature	: Microprocessor controlled. Calibrated range 100 - 200° C. Independent Upper & Lower Platen Control Accuracy-control temperature to within ± 0.5°C.
Torque Transducer	: Directly shaft mounted in line with Oscillating Disc. Four arm Temperature compensated strain gage bridge.
Recording & display	: Directly on-line display on V.G.A. Monitor Memory storage of data. Automatic computation of results. Display of multiple Graphs. Statistical Analysis. Statistical Quality Control.
Printed Data	: 80 column
Electrical Power Supply	: A.C. 220 V. 50 Hz. 20 Amp. Maximum.
Compressed Air Supply	: 60 psi. (4.2 Kg./Sq. Cm.) minimum operating pressure.
Environment	: Dust free reasonably controlled ambient temperature and humidity.
Dimensions	: A. Basic Unit 63 x 26 x 23 Inches B. Computer Unit Desk Top



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Future Foundation

(Instrumentation division of Mercury Rubber Mills)

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