



## AUTOPORE IV 9500 SERIES SPECIFICATIONS

General	
<b>Low Pressure:</b>	Measurement: 0 to 50 psia (345 kPa) Pore Diameter: 360 to 3.6 $\mu\text{m}$
<b>High Pressure:</b>	Measurement: Models 9500/9505 From atmospheric pressure to 33,000 psia (228 MPa) Models 9510/9520 From atmospheric pressure to 60,000 psia (414 MPa)  Pore Diameter: Models 9500/9505 6 to 0.0055 $\mu\text{m}$ Models 9510/9520 6 to 0.003 $\mu\text{m}$  Transducer Accuracy: +/-0.10% of full scale (transducer manufacturer's specifications)  Transducer Hysteresis: .05% of full scale for both the 33,000 and 60,000 transducer
<b>Penetrometers:</b>	Capillary Stem Intrusion Volumes: 0.38, 1.1, 1.7, 3.1, and 3.9 $\text{cm}^3$  Intrusion Accuracy: +/-1% of full scale intrusion volume  Sample Size: Maximum: a cylinder 2.5 cm in diameter by 2.5 cm long (1 in. diameter by 1 in. long)
<b>Equilibration Techniques:</b>	By Time: 0 to 10,000 seconds By Rate: 0 to 1000.000 $\mu\text{L/g}$ per second By Scanning: Continuous
<b>Utility Requirements:</b>	Voltage: 100/120/220/240 VAC +/- 10% Frequency: 50/60 Hz Power: 500 VA plus vacuum pump Gas: Nitrogen or other clean, dry gas at 50 psig (345 kPa)
<b>Physical:</b>	Height: 143 cm (56.25 in.) Width: 54.3 cm (21.38 in.) Depth: 78 cm (30.75 in.) Weight: 250 kg (551 lb.)
<b>Computer Hardware</b>	Minimum Requirements: 333 Pentium processor or equivalent, 64 Mb RAM, 1Gb hard drive, 800 x 600 display capability  Software Environment Windows NT v4.00 or greater