

SPECIFICATIONS

AutoPore® IV 9500 Series



LOW PRESSURE

Measurement	0 to 50 psia (345 kPa)
Pore Diameter Range	360 to 3.6 μm

HIGH PRESSURE MODEL

Measurement	Models 9500/9505 From atmospheric pressure to 33,000 psia (228MPa) Models 9510/9520 From atmospheric pressure to 60,000 psia (414MPa)
Pore Diameter Range	Models 9500/9505 6 to 0.0055 μm Models 9510/9520 6 to 0.003 μm
Resolution	0.165 psia from 3,300 psia to 33,000 psia
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

PENETROMETERS

Capillary Stem Intrusion Volumes	0.38, 1.1, 1.7, 3.1, and 3.9 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)

EQUILIBRATION TECHNIQUES

By Time	0 to 10,000 seconds
By Rate	0 to 1000.000 $\mu\text{L/g}$ per second
By Scanning	Continuous

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AutoPore[®] IV Series

UTILITY REQUIREMENTS

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)

PHYSICAL

Height	143 cm (56.25 in.)
Width	54.3 cm (21.38 in.)
Depth	78 cm (30.75 in.)
Weight	250 kg (550 lb)

COMPUTER REQUIREMENTS

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
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**Due to continuous improvements, specifications are subject to change without notice.*