

PorPerm System

PorPerm System measures the porosity and permeability to gas (helium/nitrogen) of plug sized core samples. The apparatus mainly comprises a quick release Hassler type core holder, a matrix cup, pressure transducers and a calculation software. Permeability to gas measurements are performed by steady-state Darcy law's method. In this method, an isothermal helium/nitrogen expansion is occurred and the pore volume and grain volumes are determined by the Boyle's and Charles' laws.



Specification	PPS-BR01
Permeability Range	1 to 500 md
Core Diameter	1.5"
Core Length	4"
Working Temperature	Ambient
Max. Pore Pressure	Up to 145 Psi
Pressure Accuracy	0.1% F.S.
Flow Range	0 – 200 cc/min
Flow Accuracy	1% F.S.
Input Power Supply	220 VAC, 50/60Hz
Calculation Software	✓

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