

Automatic Gas Permeameter Porosimeter AG2P by Sanchez Technologies Thermodynamics & Core Analysis Laboratory Instruments



The AG2P is an automatic and highly accurate system for determining rock properties such as permeability, Klinkenberg permeability, pore volume, porosity and grain volume at overburden pressure. The system uses an unsteady state pulse decay technique for the permeability measurement.

This system is composed of a core holder, pressure sensors, accurate flow meters, a pressure reducer, pulse decay system and an automatic pump for confining pressure. A computer latest configuration with Falcon® software and ST electronic cards ensure data acquisition and full automation of the instrument.

A grain chamber can be adjusted on the existing system upon customer request.

Specifications	
Confining Pressure	0 to 700 bar (10 000 psi)
Pressure Accuracy	0.05% FS
Flow accuracy	0.5% FS
Temperature Range	Ambient
Flow Range	0,02 to 1 ln/min and 0.3 to 15 ln/min
Permeability Range	10 ⁻³ mD to 5 Darcies
Fluids	Helium, Nitrogen, Air (others fluids in option)
Core Holder Length	Up to 3"
Core Holder Diameter	1" or 1,5"