

Helium Porosimeter (PO-R10)



The porosity of a rock is one of the basic parameters measure how much of rock volume is open space (also called pore volume). Porosity is usually expressed as a percentage of the material's total volume. The designed equipment is rated for injection pressure of up to 10 bar (higher pressure is available upon to the request) works based on the Boyle's and Charles' law expansion of helium gas. An optional full diameter matrix cup can be added for determination of grain volume of whole diameter core samples. Each sample matrix cup is interchangeable and is provided with stainless steel billets for calibration.

Technical Specification:

- Core holder
- Core diameter: 1.5"
- Maximum core length: 3"
- Maximum injection pressure: 10 bar
- Pressure transmitter
- Pressure accuracy: 0.5% full scale
- Porosity range: 1-40%
- Pressure regulator
- Pressure indicator
- Standard billets for calibration ×1 set

