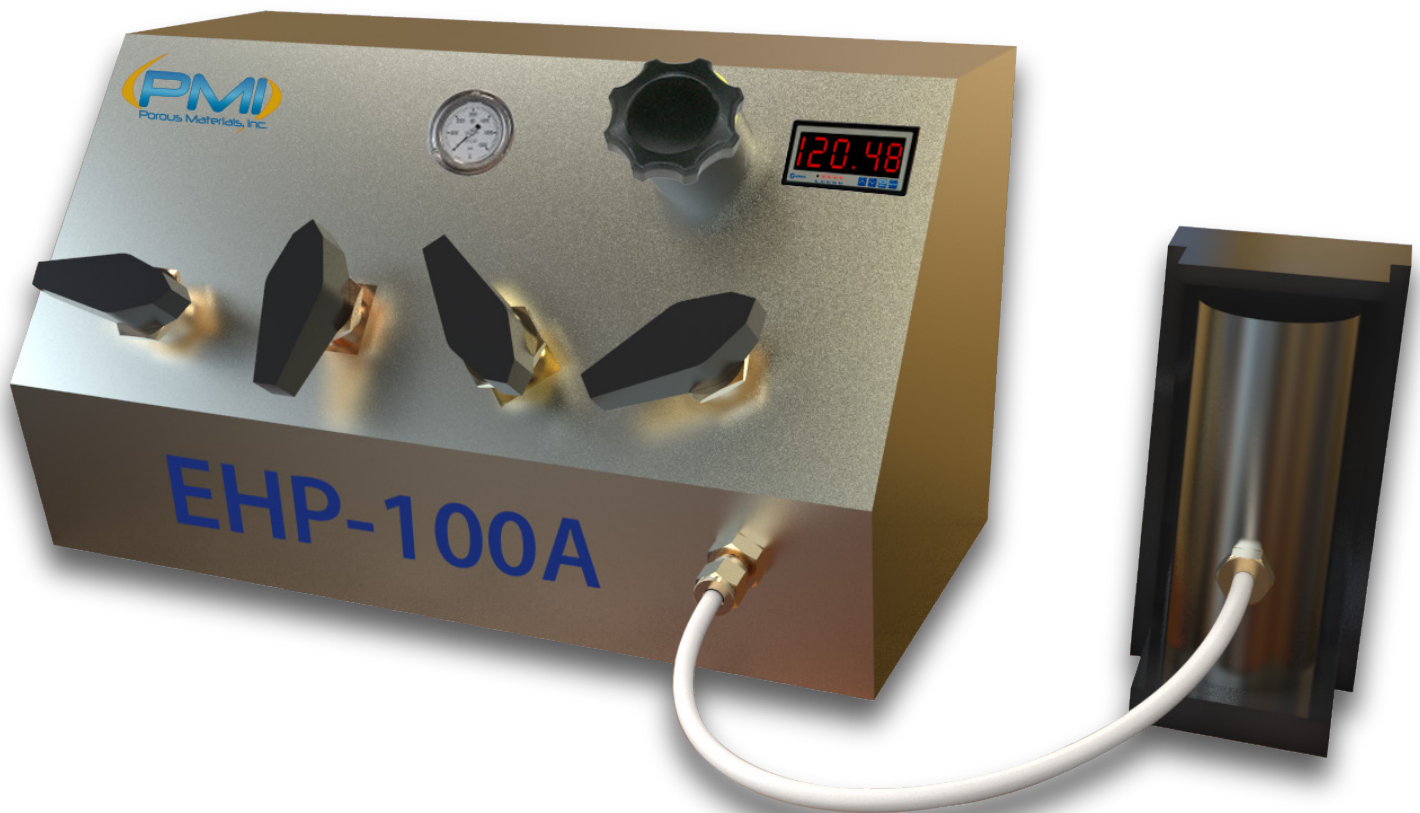


Helium Porosimeter



Not just products... Solutions !

Helium Porosimeter

The PMI educational/Instructional Helium porosimeter, Model EHP-100A is designed for instructional use at universities and other teaching institutions. The EHP-100A Porosimeter is designed to rapidly and precisely determine the effective porosity of core samples. The instrument is based on Boyle's law and allows the student to make grain volume measurements on core plugs. This information combined with bulk volume data allows for the calculation of sample porosity. The instrument has been designed to simply illustrate the basic knowledge and principles the student should have and build on for increased understanding. In manual mode every component can be controlled manually but at the same time no improper action is not allowed. The instrument has a robust design to be forgiving of student use. The manually operated system includes a standalone sample chamber with insert sets for both 1" and 1.5" cores up to 3" in length. Helium leak tight diaphragm valves, high accuracy pressure transducers, reference volumes, and digital readout are used to monitor pressure and the system includes a small pressure adjustment regulator for reliable accurate results. Accessories to minimized dead volume, Thermometer, Stainless Steel Filters etc. Manual and Excel Spread Sheet calculation template. The system can be upgraded to data acquisition and confining pressure.



FEATURES

- Values recorded and reported Manually or (PMI software-Optional)
- Simple sample setup
- Core holder designed to remove operator error during loading process
- Compact Designed Compact & Robust, Minimal maintenance
- Test with various fluids
- Made out of corrosion resistant materials



SPECIFICATIONS

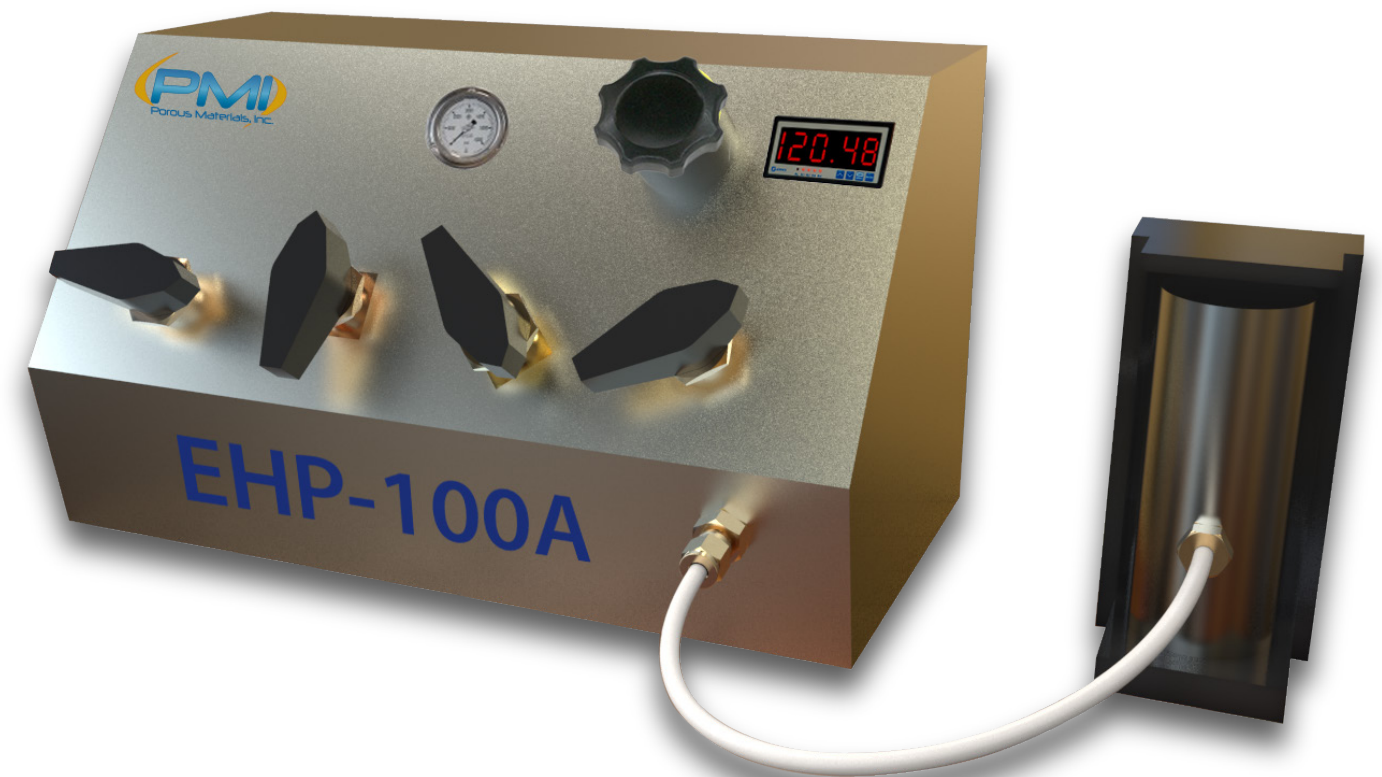
- Porosity measurement range: upto 60%
- Porosity measurement at: 200psi
- Sample type: Rock core Samples
- Core size: 1" to 1.5" dia, Upto 3" long
- Pressure sensors accuracy: 0.1% at full scale
- Thermometer accuracy: 0.1°C
- Power: 110/220 VAC, 50/60 Hz (Others Available)

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