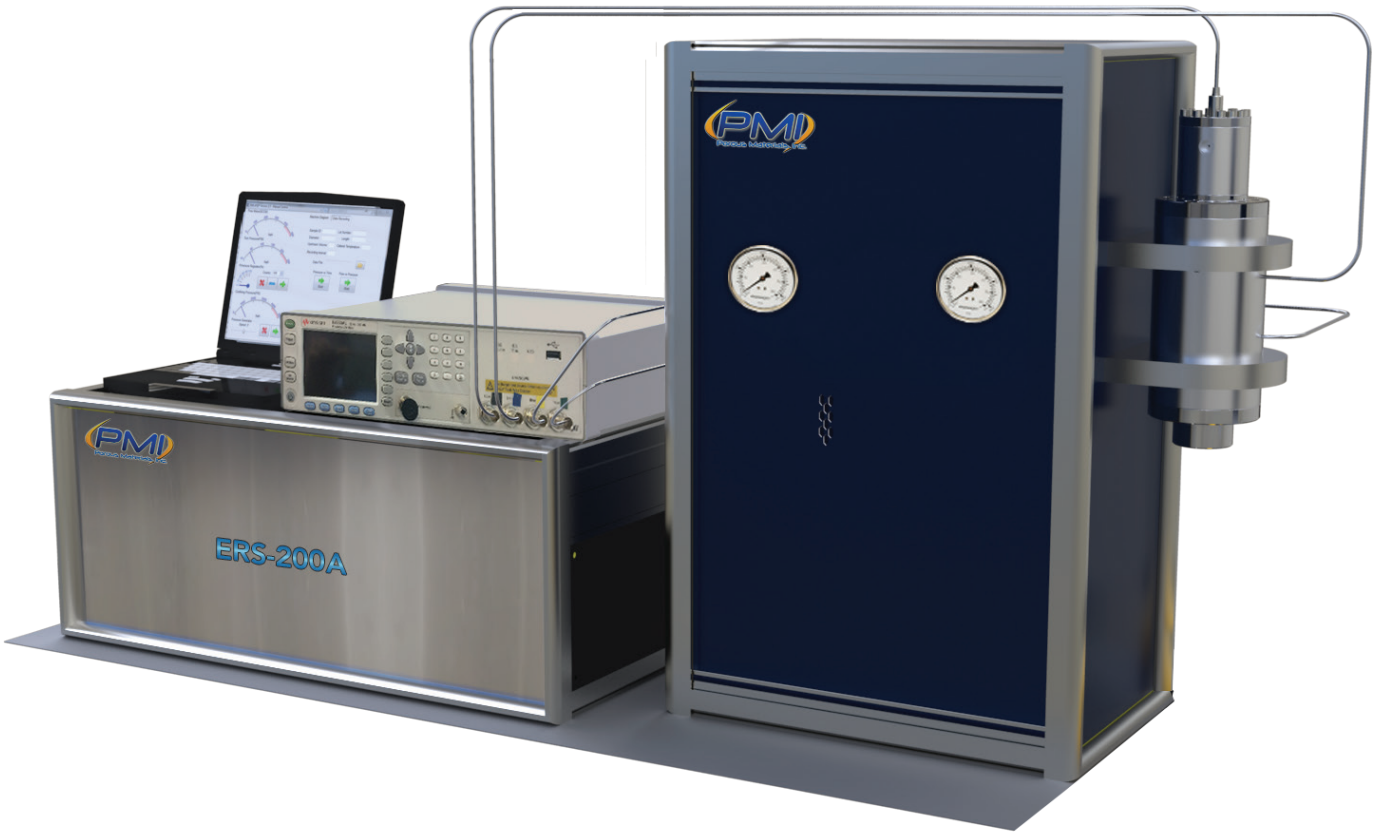
Porous Materials, Inc.



Not just products... Solutions !

ELECTRICAL PROPERTY MEASUREMENT SYSTEM

ERS-200A

DESCRIPTION

The PMI Educational Resistivity System is designed for instructional use at universities and other teaching institutions. The instrument has a robust design to be forgiving of student use. It has been designed to simply illustrate the basic knowledge and principles the student should have and build on for increased understanding.

The PMI Educational Resistivity System has been designed with the user in mind. The sample setup is effortless and designed to work with a variety of samples.

The software will fully control the instrument, both in manual control while running a test. The data is automatically recorded and the reporting program will display the results for the test as well as export the results into Microsoft Excel© or Microsoft Word©. The machine is robust and requires minimal maintenance. The finest technology has been used in the production of this machine to provide the most accurate results.

SPECIFICATIONS

- **Core Holder Diameter:** 1.0" to 1.5"
- **Core Holder Length:** Upto 3"
- **RCL Meter:**
  - 4 Electrodes measurements
  - Resistance: Up to 200 Mega ohms
  - Frequency: 1 KHz
- **Pore Pressure:** 200 PSI
- **Alarms and Calibration window**
- **Temperature:** Ambient
- **Power:** 220 VAC (Others Available)

- **Core Resistivity Measurements:**
  - Resistivity
  - Frequency

FEATURES

- Data is recorded by PMI Software in either Manual or Auto Modes
- RCL Meter controlled through PMI software
- Educational Controlled System (ECS)
- 4 Electrode Measuring System
- Simple sample setup
- Core holder designed to eliminate operator error during the loading process
- Simple test setup in PMI software
- Non-mercury testing

- **SOFTWARE FEATURES**
  - Graphic presentation of the data for evaluation and analysis of test results
  - Exporting graphic files to Microsoft Excel© or Microsoft Word© files for report generation.
  - PMI Software includes integrated detailed help system.

TESTING PROCEDURE

The PMI Educational Resistivity System is able to be used as in Auto or Manual mode. In manual mode every component can be controlled manually, but at the same time no improper action is allowed. The user inserts the rock core into the core holder with the appropriate spacers and sleeves, then closes the chamber. Then the software will record the readings from the RCL meter and display them for the user to read.

SALES & SERVICE

We at Porous Materials Inc., have dedicated sales team helping thousand's of our customers identify the right solution for their scientific problems. We are also proud to offer customized instruments for your unique needs. Our service and applications team is committed to effective support with short response times, we offer comprehensive range of solutions from new and customized systems, calibration and maintenance to testing services.
Explore more about us at www.pmiapp.com

Customize Your Machine Today !

*Disclaimer: *We are continously improving our products, Design is subject to change without prior notice.*

The most advanced, accurate, reproducible and easy to use Electrical Property Systems in the world

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