



## Features

- Measures effects of compressive stress on the largest pore diameter (bubble point), the mean flow pore diameter, pore distribution, and permeability.
- Fully Automated
- Windows based software for data acquisition, storage and reduction
- Compressive stress adjustable by the operator

## Applications

The Automated Compression Porometer is designed to characterize the pore structure of a material under compression. Industries worldwide use the PMI Compression Porometer for R&D and quality control. Samples often tested include filter media, membranes, paper and battery separators. The instrument permits tests to be carried out under simulated true service conditions.

**Industries:** Automotive, Battery Separator, Filtration, Geotextiles, Textiles, Nonwovens, Paper, Fuel Cells

## Specifications

### Compressive Stress

0-1000 psi (0-7000 kPa)

### Compressive Stress Accuracy

0.25% of full scale

### Test Pressures

100, 200, and 500 psi instrument-versions

700, 1400, 3500 kPa instrument-versions

### Pressure Accuracy

0.15 % of reading

### Flow Rates

Up to 200 SPLM (standard liters per minute)

### Pressure and Flow Resolution

1/20,000 of full scale (1 part in 20,000)

### Sample Size

Standard: 0.25" to 2.5" diameter (up to 1.5" thick)

Standard: 5mm to 60mm diameter (up to 40 mm thick)

Others: Available

## Other Products

Advanced Capillary Flow Porometer  
Average Fiber Diameter Analyzer  
Bubble Point Tester  
Capillary Flow Porometer  
Capillary Condensation Flow Porometer  
Complete Filter Cartridge Analyzer  
Clamp-On Porometer  
Compression Porometer  
Custom Porometer  
Cyclic Compression Porometer  
Envelope Surface Area Analyzer  
Filtration Media Analyzer  
High Flow Porometer  
Integrity Analyzer

In-Plane Porometer  
Microflow Porometer  
Nanopore Flow Porometer  
QC Porometer  
Diffusion Permeameter  
Gas Permeameter  
Liquid Permeameter  
Vapor Permeameter  
Water Vapor Transmission Analyzer  
Liquid Extrusion Porosimeter  
Mercury/Nonmercury Intrusion Porosimeter  
Vacuapore  
Water Intrusion Porosimeter (Aquapore)

BET Liquisorb  
BET Sorptometer  
Gas Pycnometer  
Mercury Pycnometer

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