

M9117 Capillary Pressure and Resistivity System

The Grace Instrument M9117 Capillary Pressure and Resistivity System is designed to examine capillary curves (both positive and negative) and check the electrical resistivity index as a determination of core sample saturation at reservoir conditions.

The system also includes core holders made of hydrophobic and hydrophilic ceramics and electrodes patterns used for resistivity measurement. An automatic pumping system measures fluid control, while a resistivity cell has been installed for resistivity measurement.

Saturation and cementation exponents ("n" and "m", respectively) as well as formation factor can be calculated during testing.



Features

- Calculates Saturation capacity
- Calculates Saturation exponent "n"
- Calculates Cementation exponent "m"
- Core holder of Hydrophilic and hydrophobic ceramics used for resistivity measurement
- Resistivity cell used for brine resistivity measurement
- Automated pumping system used for fluid control
- Temperature-controlled bath houses entire instrument

Specifications

Size:	90 mm
Diameter:	90 mm
Filter Sizes:	47mm/ 300ml capacity 90mm/ 1,000ml capacity