

### ***M9115 Electrical Resistivity System at Overburden Condition***

Grace Instrument Model 9115 is designed to perform measurement of rock electrical resistivity at overburden conditions. It measures rock resistivity for both fully and partially brine saturated core samples and brine electrical resistivity at overburden condition.

M9115 includes a hydrostatic electrical core holder, with hand pump for confining pressure generation, a confining and pore pressure control panel for core desaturation.

The resistivity measurement is based on two and four electrode method. Water wet ceramic is used to retain the gas and let the brine going out of the core sample. A burette is used to measure the brine expelled from the core to determine core saturation.



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### **Specifications:**

Core diameter: 1.5 "  
Core length: up to 4"  
Resistivity measurement: 2 and 4 electrodes  
Pressure: up to 10,000 psi  
Temperature: room condition