

Product Name :
Core Flow Analysis Instrument

Product Code :
LIM-CAT-L0046-00006



Description :

Core Flow Analysis Instrument

Technical Specification :

Designed to maximize efficiency, the hardware design allows for multiple test operations without draining confining fluid, enabling the researcher to conduct multiple tests without multiple set-up and clean-up times. Complete automatic valve and fluid control

The software is customized to your specifications to allow for automation of the test process, including digital control of valves, fluid injection, and many other test operations and parameters.

The instrument is designed to accurately measure permeability changes to a formation core sample in a high temperature and high pressure environment, while exposing it to a variety of test fluids. A core that is collected from a formation is inserted into a core holder.

A computer with Grace Instrument Core Flow software controls the environment within the core holder and the injection rate and/or pressure of fluid into the core. Many different types of tests can be performed with the Core Flow by changing the test parameters in the test setup section of the Core Flow software.

Features:

Optional automatic gas porosity and permeability measurement

Optional automatic core loading

Optional heating band or convection oven temperature control

Optional fluid pre-heating prior to contact with the core sample.

Optional slim tube system

Optional resistivity & ultrasonic measurement
Includes pressure relief devices such as rupture discs and pressure relief valves
PC software prevents user from setting temperature above 410°F.
Oven itself has heater cut off safety.



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