



Pulse Decay Permeameter - PDP-200 Datasheet

Routine Core Analysis Laboratory (RCAL)/
Permeability



Pulse Decay Permeameter - PDP-200



Pulse Decay Permeameter-PDP-200 is used for Ultra-Low Permeability Determination of Cap Rock, Tight Gas Sand Stone, and other very low permeability rock. The Pulse Decay Permeameter is similar in appearance to the steady-state Ultra-Permeameter™ systems but uses a pulse decay measurement technique developed by Core Laboratories. The system can be easily attached to the users existing coreholders.

The Pulse Decay Permeameter system saturates the sample to a set pore pressure, then transmits a differential pressure pulse through the sample. As the pressure transient propagates though the sample, the computerized data acquisition system records the delta pressure across the sample, the downstream pressure, and time. A log differential pressure times mean pressure versus time plot is displayed real time on screen allowing visual quality control of the permeability measurement.

Scope of Supply:

Pulse-Decay Permeameter Unit Module with Transducers, plumbing, electronics and interface board. System software: Windows based operating software allows data generation and report preparation. Computer, P4, 128MB RAM, 20GB hard Drive, SVGA, Mouse, Keyboard, Windows O/S, cabling and other software as necessary.