Grace INSTRUMENT
SCIENTIFIC INNOVATIONS • INDUSTRIAL SOLUTIONS

M9100
Automatic Core Flow Tester

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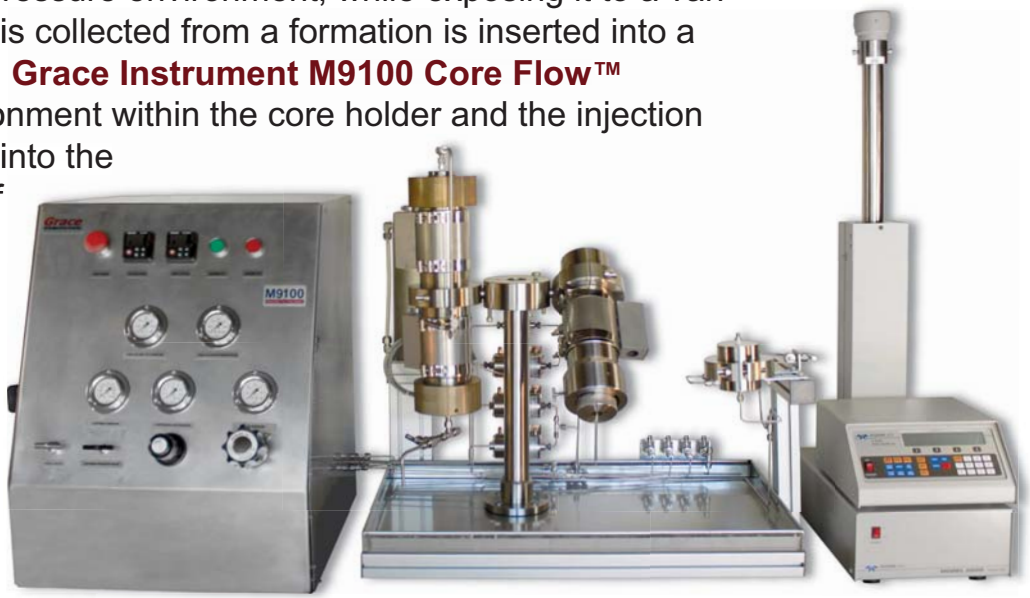
The **Grace Instrument M9100 Automatic Core Flow Tester** is designed to accurately measure permeability changes to a formation core sample in a high temperature and high-pressure environment, while exposing it to a variety of test fluids. A core that is collected from a formation is inserted into a core holder. A computer with **Grace Instrument M9100 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 **M9100** by changing the test parameters in the test setup section of the **M9100 Core Flow™ Software**.



The M9100 is easy to operate:

Step 1. Setup test parameters using the **M9100 Core Flow™ Software**

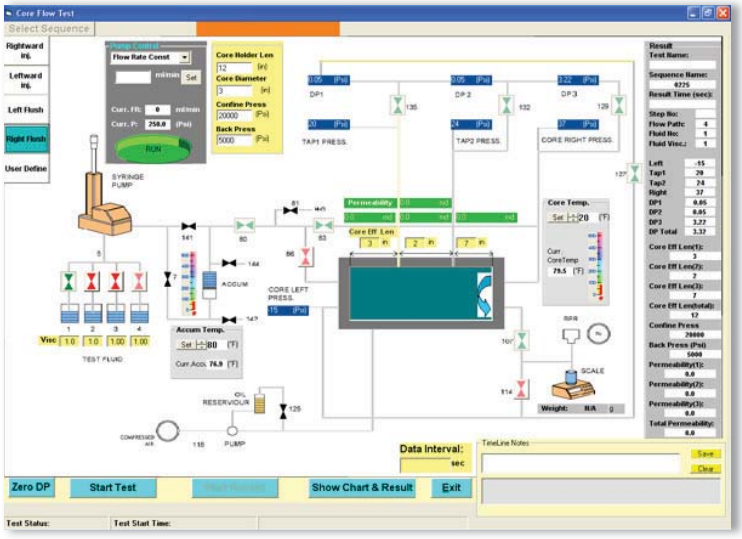
Step 2. Insert a core into the core holder

Step 3. Load test fluid into the accumulator

Step 4. Click ***Start*** on the **M9100 Core Flow™ Software** main screen

M9100 Core Flow™ Software:

- Tests controlled and data recorded by computer
- Data instantly exported into Microsoft® Excel™



Specifications:

Operating temperature:	Ambient to 392 °F
Confining pressure:	Atm to 15,000 psi
Working pressure:	Atm to 10,000 psi
Back Pressure:	Atm to 10,000 psi
Accumulator:	0.5 or 1 L
Fluid Injection Rate:	0 to 80 mL/min
(depends on type of pump)	
Core Dimensions:	1” or 1.5” x 6” or 24”
Dimensions:	28” tall x 70” wide x 26” deep
Weight:	250 lbs

- Standard core injection with optional cross-face
- Complete with fully illustrated Operation Manual

M9100 *can also be built to custom specifications.*

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