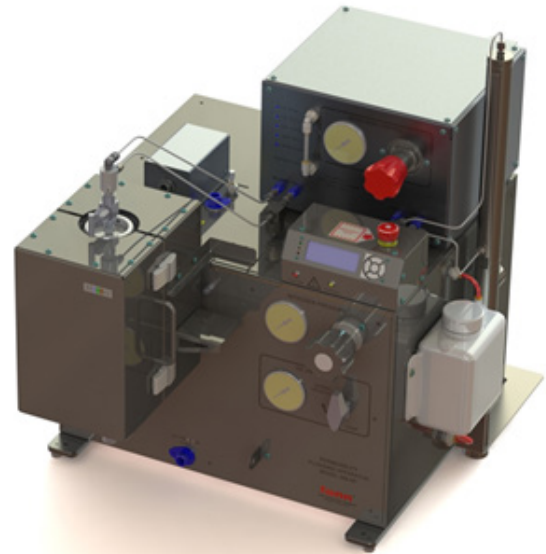


Automated Permeability Plugging Apparatus APPA Models 389AP/MC

Description

The Automated Permeability Plugging Apparatus (APPA), Model 389AP is a high pressure, high temperature instrument designed to perform permeability plugging tests. This instrument automatically controls temperature and pressure. The advantage of this design is that operators can study filtration at higher differential pressures.

New automated features have been added, and APPA Model 389AP/MC with Automated Filtration Measurement & Control is now available.



*APPA complete, including
Measurement & Control Component*

Advantages

- Automatic Pressure and Temperature Control
- Manual or Automated Collection of Filtrate volume
- ± 0.2 mL accuracy on filtrate measurement
- True Pressure control during test
- Self-Contained Cleaning, Priming, & Purging
- Automated Calculation routines for API parameters
- Long term tests (24 + hours with data collection)
- Filter Cake on Top or Bottom
- Capable of LCM measurements (requires addition of LCM Evaluation Receiver)
- Continuous measurement of filtrate volume
- Automate filtrate collection procedure
- Filtrate Receiver is 40 mL

Authorized Canadian Dealer:

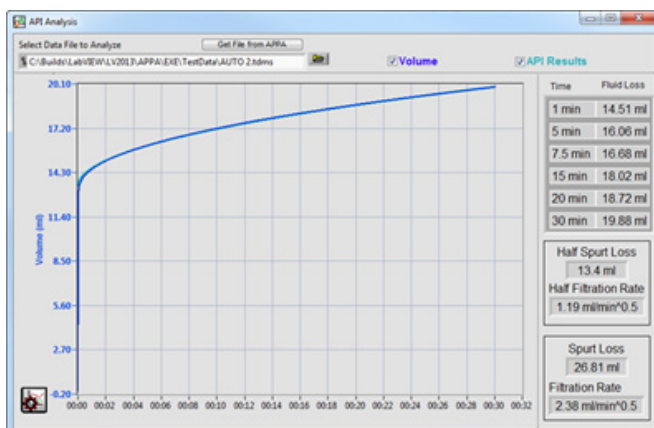


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Advantages

- Software controls temperature and pressure
- Saves test data
- Shows real time graph
- Allows user to easily prefill the system before a test and flush the system after a test
- Automatically analyzes data based on API standards



Typical graph showing filtration volume and rate



Measurement & Control Component

Specifications

Parameters	
Pressure range	0 psi to 5000 psi (34,473 kPa)
Temperature range	Ambient to 500°F (260°C)
Compressed air minimum	80 psi (551 kPa)
Nitrogen inlet maximum	1000 psi (6895 kPa)
Power supply	115V/230V, 50/60 Hz, 1000 watts

Ordering Information

- Part No. 102557625 - Automated Permeability Plugging Apparatus with Measurement & Control component installed, Model 389AP/MC
- Part No. 101967987 - Automated Permeability Plugging Apparatus, Model 389AP
- Part No. 102484770 - Measurement and Control component for Model 389AP
- Part No. 102308743 - Lost Circulation Material Evaluation Receiver

Fann Instrument Company offers a complete line of equipment, materials, and supplies for analyzing various drilling fluids and oil well cements in accordance with API Specifications and API Recommended Practices.