

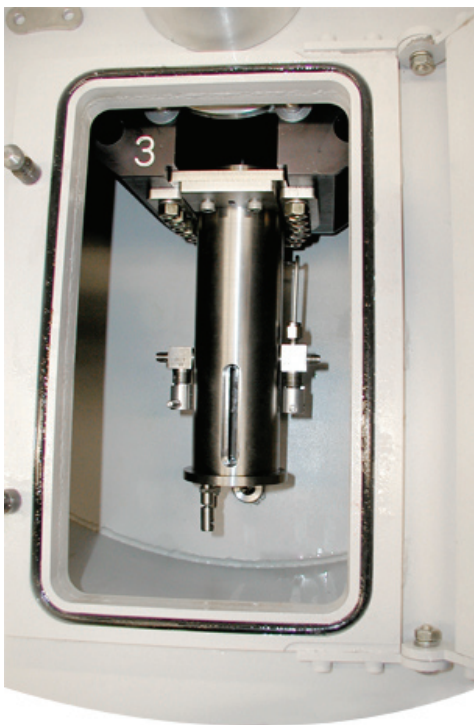
Temco, Inc.

Design Excellence in Core Analysis Instrumentation

Rock-Fluid Centrifuge RFC-732

Model RFC-732

The RFC Series of state-of-the-art centrifuges, are now available for the Petroleum Industry. This instrument can be used to perform all of the following measurements on consolidated, unconsolidated, or fractured core materials at reservoir conditions of pressure and temperature: Capillary Pressure, Relative Permeability, Forced Imbibition, and Wettability index.



Features

This instrument offers several unique features that make this instrument the state-of-the-art for the Petroleum Industry. This instrument was designed specifically for the petroleum industry, not a modified version of a centrifuge. The instrument is designed for the testing of four (4) core samples simultaneously at reservoir pressure and temperature. The CCD camera system measures the displaced fluid volumes automatically to eliminate possible reading errors and to reduce the operating costs. The instrument is provided with computer control and data collection and capillary pressure data reduction program.

Model RFC 732 Specifications

Order Number: RFC-732

Centrifuge

Maximum Rotor Speed	5,000 RPM
Drive Motor	2 hp, 3 phase
Drive Motor Control	Variable Frequency
Rotor	Fixed, 4 core holders
Refrigeration	.5 hp
Heater	1000 watt tub
Tub vacuum pump	.5hp
Temperature Control	Infrared
Electrical	220/240 VAC 50/60 Hz

Camera

Receiver Image Camera	2048 pixel CCD
Control Software	DOS based automatic control and data acquisition
Data Rate	One reading per revolution below 700 rpm and then 10 per second above 700 rpm

Core Holders

Maximum Pore Pressure	1000 psi
Maximum Temperature	200° F (100° C)
Max Confining pressure	2,700 psi or 5,000 psi
Wetted Material	316 Stainless Steel
Sample Size	1.5" diameter X 2.25" length
Max Capillary Pressure	300 psi drainage mode
Body Material	Titanium Alloy

Computer Control

Menu driven, DOS based, data collection and operation program.
 Capillary Pressure data reduction program included.