OFI Testing Equipment, Inc. - 11302 Steeplecrest Dr.
Houston, TX 77065 USA
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Model 130 HTHP Benchtop Consistometer

Brand: OFI Testing Equipment, Inc.
Product Code: 120-90
Availability: Call for availability

Description
The OFITE Model 130 Benchtop Consistometer was specifically engineered to determine the thickening time of well cements under simulated down-hole pressures and temperatures. It can also be used to easily condition well cements under temperature and pressure for further API testing. Its compact, lightweight design makes the unit ideally suited for benchtop use.

Features

- Touch screen display controls temperature and displays and graphs temperature, pressure, and consistency
- Can operate with a computer or in standalone mode
- Conditions well cement under temperature and pressure for further API testing
- Pressure generated via an air-driven hydraulic pump
- Drive table is rotated with a magnetic drive
- External cooling jacket aids cooling of the test cell
- Deadweight calibration unit included
- Temperature and consistency alarms provide automatic shutdown
- Safety head with rupture disk are provided
- Unit is fully capable of testing cements in strict accordance to the guidelines as stated in API Specification 10
- Pressure displayed in PSI/MPa; Temperature displayed in °F/°C
- Compact size and light weight make the unit suitable for the benchtop

Specifications

- Maximum Pressure: 16,000 PSI (110.3 MPa)
- Maximum Temperature: 400°F (204.4°C)
- Consistency Range: 0 - 125 Bc
- Display: Touch Screen
- Internal Heater: 2,500 Watt
- Slurry Cup: 150 RPM Rotational Speed, 316 Stainless Steel
- Size: 25" × 16" × 20" (64 × 41 × 51 cm)
- Weight: Approximately 215 lb (97.6 kg)

Requirements

- Air/Nitrogen Supply: 100 - 150 PSI (690 - 1,035 kPa)
- Power Supply: 220 Volt, 50/60 Hz, 25 Amp
- Water Supply for Cooling: 40 PSI (276 kPa)
- Water Drain

Part Numbers

- #120-90: Standard
- #120-90-DAS: With Data Acquisition

Specification

Specifications	
Maximum Pressure	16,000 PSI
Maximum Temperature	400°F