

Ultrasonic Cement Analyzer, Twin Cell, 5 KSI



Brand: OFI Testing Equipment, Inc.

Product Code: 120-51

Availability: Call for availability

Description

By measuring the change in velocity of an acoustic signal, the Ultrasonic Cement Analyzer provides a continuous non-destructive method of determining compressive strength as a function of time while at temperature and pressure.

Features

- Cement samples are not destroyed at time intervals
- Self-venting regulators provide accurate pressure control
- Temperature control (up to 400°F) and pressure control (up to 5,000 PSI) are available to simulate down-hole conditions
- Unique technology results in a cleaner signal, so transit times and data are more accurate
- Data is available instantly on-screen and is automatically down-loaded to a Microsoft Excel spreadsheet for easy analysis

Specifications

- Maximum Temperature: 400°F (204.4°C)
- Maximum Pressure: 5,000 PSI (34.47 MPa)
- Size: 24" × 18" × 12" (61 × 46 × 30 cm)
- Weight: Approx. 70 lb (32 kg)

Requirements

- Air Supply: 100 PSI (690 kPa) Recommended, 150 PSI (1,035 kPa) Maximum, ¼" NPT Connector
- Water Supply: 40 - 100 PSI, 40° - 100°F, ¼" NPT Connector
- Coolant Supply: ¼" NPT Connector
- Power Supply:
 - Electronics: 230 - 240 Volt, 50 - 60 Hz, 2 Amp
 - Heaters: 230 - 240 Volt, 50-60 Hz, 8 Amp
- Computer
 - Windows XP or higher
 - RS-232 Serial Port (or Serial to USB Adapter)
 - Minimum Screen Resolution: 1280 × 680

Software Features

- Reports real-time data that can be exported to an Excel, Word, or similar file
- Enables you to program multiple temperature ramps
- Operates multiple units with one computer

Optional Accessories

- 120-53 - High Pressure SGSM, mechanically measures gel strength

Part Number

- #120-51

Product Gallery