Ultrasonic Cement Analyzer, Dual Cell, 20 KSI



Brand: OFI Testing Equipment, Inc.
Product Code: 120-52
Availability: Call for availability
Call for Price: 832-320-7300

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

- Has the ability to operate two independent tests at the same time
- Cement samples are not destroyed at time intervals
- Requires only one set of utilities
- Self-venting regulators provide accurate pressure control
- Temperature control (up to 400°F) and pressure control (up to 20,000 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 downloaded to a Microsoft Excel spreadsheet for easy analysis

Specifications

- Maximum Temperature: 400°F (204.4°C)
- Maximum Pressure: 20,000 PSI (137.9 MPa)
- Size: 15” × 48” × 18” (38 × 122 × 45.8 cm)

- Weight: Approx. 170 lb (78 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: 230 - 240 Volt, 50 - 60 Hz, 10 Amps
- Fuse: T 10A L 250V
- 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

- 120-58 - High Pressure SGSM, mechanically measures gel strength

Part Number

- #120-52

Product Gallery