Benchtop HTHP Cement Curing Chamber

Brand: OFI Testing Equipment, Inc.
Product Code: 120-55
Availability: Call for availability
Call for Price: 832-320-7300

Description

The Benchtop HTHP (or HPHT) Cement Curing Chamber is designed to prepare well cement specimens for compressive strength tests. It is necessary to determine the amount of time required for a cement to develop compressive strength so that drilling/production operations can be resumed as quickly as possible. The goal is to design a slurry that can quickly develop compressive strength so that the “waiting on cement” time may be minimized. The OFITE HPHT Curing Chambers provide a means of curing cement specimens under typical downhole temperatures and pressures.

Features

- Unit may be utilized to test well cements in accordance to API Specification 10
- Electronic timer measures elapsed time and may be programmed to initiate cooling
- For safety, a pressure relief valve, as well as a safety head with rupture disk are provided
- Test cell cures 4 specimens
- Compact for bench top operation
- Digital programmable temperature controller
- Coolant system quickly cools the test cell
- Dual compression molds meet ASTM standard C-1O9

Specifications

- Maximum Temperature: 400°F (204°C)
- Maximum Pressure: 5,000 PSI (34.47 MPa)
- Weight: Approx. 215 lb (94.6 kg)
- Dimensions: 25” × 16” × 20” (63.5 × 40.6 × 50.8 cm)
- Shipping Weight: 255 lb (115.8 kg)
- Shipping Dimensions: 30” × 20” × 24” (76.2 × 50.8 × 61 cm)

Requirements

- Power Requirements: 220 Volts, 50 / 60 Hz, 40 Amp
- Air Supply Maximum: 150 PSI (1035 kPa)
- Cooling Water Supply: 40 PSI (276 kPa)

Part Number

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