OFI Testing Equipment, Inc. - 11302 Steeplecrest Dr.
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Curing Chamber

Brand:
Product Code: 120-20
Availability: Call for availability

Description
The Model 200 HTHP Curing Chamber is utilized 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 HTHP Curing Chambers provide a means of curing cement specimens under typical down-hole 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 terminate testFor safety, a pressure relief valve, as well as a safety head with rupture disk are provided
- Test cell accommodates 8-16 specimens
- Digital programmable temperature controller
- Digitally displays temperatures
- Coolant system quickly cools the test cell
- Dual compression molds meet ASTM standard C109

Specifications

- Maximum operating temperature: 600°F (316°C)
- Maximum operating pressure: 5000 PSI (35.1 MPa) at 600 °F (316°C)

- #120-20: test cell accommodates 8 cubes
- #120-25: test cell accommodates16 cubes
- #120-30: test cell accommodates 16 cubes

- #120-20:
  Weight: 499 lb. (226 kg)
  Size: 33" × 30” × 60" (83 × 76 × 152 cm)
- #120-25:
  Weight: 499 lb. (226 kg)
  Size: 33” × 30” × 60" (83 × 76 × 152 cm)
- #120-30:
  Weight: 1100 lb. (226 kg)
  Size: 33” × 46” × 60" (83 × 116 × 152 cm)

Requirements

- Air supply of 100 PSI
- Cooling water at 40 PSI
- 230 Volt, 50/60 Hz, electrical power supply
- 120-20 and 120-25: 40 amp rating
- 120-30: 80 amp rating

Part Numbers

- #120-20: Single Cell, Single Deep
- #120-25: Single Cell, Double Deep
- #120-30: Dual Cell, Single Deep