OFI Testing Equipment, Inc. - 11302 Steeplecrest Dr. Houston, TX 77065 USA
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CLF-40 Compressive Load Frame



Brand: OFI Testing Equipment, Inc.
Product Code: 120-285
Availability: Call for availability
Call for Price: 832-320-7300

Description

Introduction

The CLF-40 Automated Compressive Load Frame was designed to determine the compressive strength of a well cement or proppant. The most common means of determining the compressive strength of a cement involves applying a force to the sample at a constant rate until the sample fails. The maximum loading at which the cement fails is defined as the cement's compressive strength.

Features

- **Windows® based, Computerized Data Acquisition and Control system:** provides detailed test information, precise control, and allows cylindrical and cube-shaped samples
- **Small foot-print:** saves valuable lab space and increases efficiency with quick and easy clean up
- **Safety minded:** clamshell head design and safety switches protect people and equipment from possible debris during operation
- **Prevents over pressure:** a safety head, rupture disk, and high-pressure alarm assembly
- **Self-Aligning platens:** easier to load samples and allows for equal force to be applied
- **Communication:** operates in standalone or with computer control via RS-232 or Ethernet connections

- **Loading Rates:** variable load rate and constant load testing

Data Acquisition Features:

- Tailored interface so the most common actions are the easiest to locate
- Tab and drop-down based software, optimizing page screen areas, without sacrificing the amount of information presented at once
- Capable of testing varying samples and displaying results on a real-time chart
- Records historical data for easy analysis

Specifications

- Maximum press capacity: 40,000 lbf.
- Maximum Pressure: 10,000 PSI (based on a 2” cement cube with surface area of 4 in^2)
- Minimum press threshold: 1,000 lbf.
- Minimum Pressure: 250 PSI (based on a 2” cement cube with surface area of 4 in^2)
- Loading rates variable from 250 to 40,000 lbf/min. (increments of 250)
- Size: 23” W × 23” D × 26.5” H (58 × 58 × 67 cm)
- Weight: 225 lb. (102 kg)

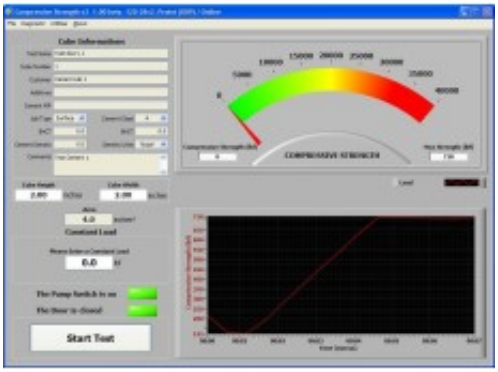
Requirements

- Power Supply: 115 / 220 Volt, 50/60 Hz

Part Numbers

- #120-285: 115 Volt
- #120-285-230: 230 Volt
- #120-285-DAS: With Computer, 115 Volt
- #120-285-230-DAS: With Computer, 230 Volt

Product Gallery


Cube Information
Constant Load
Start Test


OFITE