

CLF-40 Automated Compressive Load Frame

A smaller, friendlier instrument for testing compressive loads

Introduction:

The OFITE CLF-40 Automated Compressive Load Frame accurately determines the load being applied to a sample, including compressive strength of well cements by applying a force to a sample at a constant rate until the sample fails or applying a constant, fixed load for proppant crush testing. Results obtained from most crush tests are typically inconsistent and widely varied because manually operated equipment is susceptible to operator error. The OFITE Compressive Load Frame incorporates an electronically actuated proportional control valve that automatically maintains the desired load or loading rate. Operator inconsistencies are eliminated and the results are more consistent and reproducible.

The newly-redesigned CLF-40 offers a smaller footprint and an enhanced design that makes it even easier to operate while providing improved reliability and consistent results.

Features:

- New clamshell design with safety switches protects people and equipment from debris and unprotected operation
- Safety head, rupture disk, and high-pressure alarm prevent over pressurization
- Computerized Data Acquisition and Control system provides detailed test information and precise control
- Operates as a standalone unit or with computer control
- Software accepts both cylindrical and cube-shaped samples
- A removable mounted bucket, flush deck, and brush simplify cleaning
- Digital display shows current load and holds final test results
- Remote access available via RS-232 or Ethernet
- Small footprint saves valuable lab space
- Self-aligning, hardened platens



Specifications:

- Maximum load capacity: 40,000 lbf
- Size: 22" W × 26" D × 24" H (56 × 66 × 61 cm)
- Variable loading rates from 200 to 4,000 PSI/min.
- Operates on either 115-volt or 230-volt power, 50/60 Hz, requires 1 KVA

OFI Testing Equipment, Inc.

11302 Steeplecrest Dr. Houston, Texas 77065 U.S.A.

Tele: 713.880.9885 or 877.837.8683 Fax: 713.880.9886 www.ofite.com