



Compressometer

The Compressometer is used for evaluating deformation and strain characteristics of concrete cylinders while undergoing compression testing. The Compressometer includes two cast aluminum-alloy yokes, mounting and central points, stainless steel control rods. Models are available with a dial gauge— with a range of 0.2" (5.08mm) and minimum graduations of .0001 (.0025mm), as well as with a digital indicator or a LSCT transducer. Digital indicators and LSCT models can be used with data acquisition systems through the use of our MiniLoggers, see below. Meets ASTM C469. Shipping wt. 22 lb (10kg).

| Compressometer   | Dial Gauge | Digital Indicator | LSCT    |
|--|------------|-------------------|---------|
| Compressometer for use with 6" x 12" (152 x 305mm) cylinders | H-2911     | H-2911D           | H-2911L |
| Compressometer for use with 4" x 8" (101 x 203mm) cylinders  | H-2916     | H-2916D           | H-2916L |
| Compressometer for use with 3" x 6" (76 x 152mm) cylinders   | H-2918     | H-2918D           | H-2918L |



H-2911



H-2912D



H-2912L

Compressometer-Extensometer

Combined compressometer and extensometer for 6" dia. x 12"L (152 x 305mm) concrete cylinders is a convenient unbounded device. Apparatus contains a third yoke located halfway between the two compressometer yokes and attached to the specimen at two diametrically opposite points. Middle yoke is hinged to permit rotation of the two segments of the yoke in the horizontal plane. Indicator gives deformation readings. Second indicator is furnished for compressometer section. Unit measures changes in length and diameter. All H-2900 Series Compressometers may be ordered with dial gauges, digital indicators or strain transducers, see charts. Digital Indicators and strain transducers can be used to construct a data acquisition system, see below. Meets ASTM C469.

| Compressometer/ Extensometer                  | Dial Gauge | Digital Indicator | LSCT    |
|---|------------|-------------------|---------|
| for use with 6" x 12" (152 x 305mm) cylinders | H-2912     | H-2912D           | H-2912L |
| for use with 4" x 8" (101 x 203mm) cylinders  | H-2917     | H-2917D           | H-2917L |
| for use with 3" x 6" (76 x 152mm) cylinders   | H-2919     | H-2919D           | H-2919L |

Data Acquisition Setups—

You can fully automate your test data collection by using one of these MiniLoggers. The MiniLogger is a simple-to-use, four channel, stand-alone data-logging system, which can collect data generated from digital indicators or LSCT transducers. Use model HM-2325A.3F for LSCTs and HM-2330D.3F for Digital Indicators.

Features include:

- Four channels with real-time data acquisition
- Backlit LCD display
- RS232 interface for computer or printer.
- Nonvolatile test data storage and instrument calibration
- Battery-backed real-time clock
- Auto conversation of instrument calibration between English or Imperial units and SI or metric units
- View logged test data via the LCD display



HM-2325A.3F

HM-2330D.3F

See page 74 for additional information.