

Device continuously measures expansion and shrinkage of cement samples to help determine compressive strength

The Grace Instrument M7355 Volumetric Cement Expansion / Shrinkage Device is an accessory to Grace Instrument's M7350 UCA and M7360 HPHT UCA. The device is capable of continuously measuring the expansion and contraction of cement samples while performing a standard UCA test to determine the sample's compressive strength.

FREE Grace Instrument M7355 Software is included with each unit. (For custom software, additional charges may apply.) The Grace Instrument M7355 Volumetric Cement Expansion / Shrinkage Device connects to a PC to report real-time testing data. When the cement sample expands or contracts, the software documents changes to the volume, temperature, transit time, and compressive strength. This data can then be exported into Microsoft Excel™ for collection and later review.

Features

- Attaches to UCA units during testing to measure volumetric expansion and shrinkage and compressive strength of cement samples.
- Reports real-time testing data that can be exported to Microsoft Excel®.
- Accessory device can connect to multiple UCA units.
- Capable of continuous measurement under HPHT conditions.
- **FREE** advanced Grace Instrument M4085 Software can set pressure and temperature sequences.

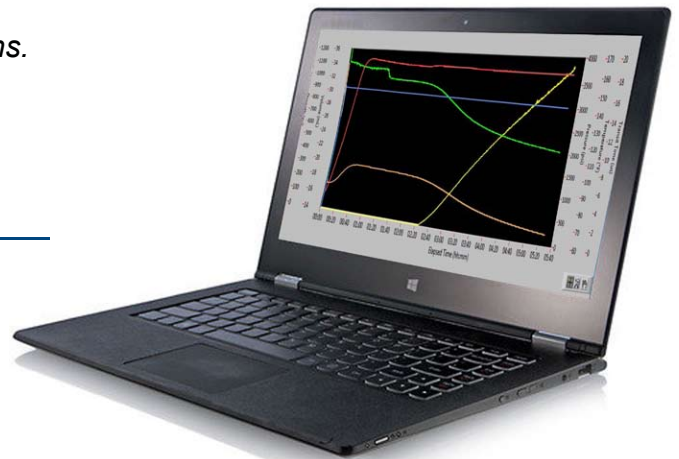
Specifications:

Maximum Pressure:	20,000 psi
Maximum Measurement:	± 30 ml
Pressure Control:	± 25 psi
Water Supply:	Tap Water
Power Supply:	120V, 50/60 Hz
Dimensions:	19" W x 24" D x 47" H
Weight:	95 lb



M7355 Volumetric Cement Expansion/Shrinkage Device

Advanced Grace Instrument M7355 Software Included FREE* with Each Unit



*Standard software is free. Additional charges apply for custom software and laptop (available upon request).