



CONBEL Load Frame

The Conbel load frame system is an accurate and reliable loading mechanism for soil consolidation testing. The device is available in three different load capacities and rapidly apply and maintain precision loads pneumatically with a small footprint to save valuable bench space. The Conbel features a dead-weight mechanism for application of small loads from 100-3,200tsf. A controller on the device allows application of low or high loads.

The device displays applied loads through the digital displays. In addition it uses precision pressure regulators and pressure transducers with a linearity of $\pm 0.1\%$. The Conbel has a 1in thick aluminum platform with adjustable centering pads and accept any consolidation ring up to 7.25in diameter. Stainless steel vertical rods support the cross-head and dial gauge. Included with the device is one loading ball, replacement or additional loading balls are ordered separately. In addition, a 15 feet air supply tubing to hook up the compressed air line is also included with each load frame.

Replacement Parts

- 1016-1 Black Cross Bar
- 1016-15 Small Diaphragm
- 1016-24A Dial Indicator Bracket
- 1016-5 Dial Indicator Rod

Meets ASTM D2435, D4546 and AASHTO T216

