

California Bearing Ration (CBR)

34

50kN Capacity Motorised CBR Load Frame

The Con-Test model 34-T0106 Motorised 50kN capacity CBR Load Frame has been developed in conjunction with the soil testing industry to meet the functionality and high standards required by busy laboratories.

The machine features a new rapid approach function which lowers the complete piston and load-ring/cell assembly into the specimen with just a few turns of the hand-wheel. Once the preload is achieved, a switch is turned and the test is underway.

At completion of the test, the switch is turned to lowering mode. After a few seconds when the load is released by the high speed motor, the piston assembly is raised from the specimen by again turning the hand-wheel. This user friendly system is specifically designed for speed and ease of use.

The machine incorporates a cut-off facility to automatically limit the upward and downward travel of the platen. Optional overload protection is available for digital measurement systems using software.

The machine is available in two configurations, model 34-T0106/A for manual measurements using a load ring, and the model 34-T0106/B for electronic measurements using a load cell and digital readout.



- **Fast operation**
- **No gears to change, handles to swap, platens to turn, piston to remove**
- **Sturdy two-column design**
- **Solid and robust construction**
- **Accepts load rings or load cells**
- **Automatic cut-out at limit of travel**
- **Overload protection option**