



ZEAL INTERNATIONAL (An ISO 9001 Certified Company)

Head Office: 1, Netaji Subhash Marg Daryaganj, New Delhi - 110002 INDIA

Phone: +91-11-23276114, 23244474, 23250281, 23278846 Fax: +91-11-43580558

Branch Office: 4/20 Kirti Nagar Industrial Area New Delhi - 110015 Phone: +91 11 45380800

Warehouse: 4/26 Kirti Nagar Industrial Area New Delhi - 110015

info@zealinternational.com

sales@zealinternational.com

support@zealinternational.com

quotation@zealinternational.com

Visit us at: www.zealinternational.com

Triaxial Cell ZI 3057

Standards:

Specification:

In a soil triaxial shear test, **Triaxial Testing Apparatus** is used to apply stress to a sample of the material being tested in a way which results in stresses along one axis being different from the stresses in perpendicular directions.



The cell is useful for testing 38mm dia x 76mm high soil specimen. Transparent Perspex chamber with anvil and loading plunger, the cell is easily opened by releasing four nuts of the tie rods. It is leak proof up to 10kg/cm.sq. Fluid pressure. An oil plug which can also be used as an air vent is provided for introducing a thin layer of oil over water. This provides effective sealing at the plunger for long duration tests. The cell is fitted with four sleeve packed valves of no volume change type on the base. These valves are used for cell pressure, pore water pressure, drainage or back pressure. The loading plunger of the cell has dial gauge rest.

- Loading pad made of Perspex for 38mm dia specimens.
- Pair of plain discs made of Perspex 38mm dia 6mm thick.
- Pair of porous stones 38mm dia specimen.
- Split sand former for 38mm dia specimen.
- Sheath stretcher for 38mm dia specimen.
- One dozen rubber sheaths for 38mm dia

samples.

- For synthetic rubber 'o' rings for 38mm dia specimen.
- One plastic drainage tube.