

Product Name :
Hydraulic consolidometer Rowe Type Consolidation Cells

Product Code :
TEST5010RFQLAB-0006



Description :

Hydraulic consolidometer Rowe Type Consolidation Cells

Technical Specification :

Hydraulic Consolidometers are available for conducting consolidation tests on smaller to larger sized soil specimens under saturated condition with the application of back pressure. A check on the degree of saturation can be performed. The pore pressure dissipation during consolidation can be measured under various simulated drainage conditions namely, one-way, two-way, radial in-wards or radial outwards. The consolidation pressure can be applied through a flexible diaphragm to simulate field consolidation under uniform pressure or under uniform deformation. Deformations volume changes and pressures are measured with a great degree of precision. The hydraulic Consolidometer provided by the consolidation testing instruments manufacturer opens up a vast research potential of theoretical and applied nature on offshore and onshore soft to stiffer clays.

Consolidation Cell

hydraulic consolidation cells come in different models for small to large diameters of samples. Since the loading is through pneumatics, drainage can be precisely controlled.

Various methods of drainage and loading conditions can be applied to the specimen. Basically cells of three different sizes are available. Each type can with stand a pressure of 10 bars. No-volume change valves are fixed at top plate, bottom plate and in the middle for different combination of test requirements.

Testing lab instruments India

