

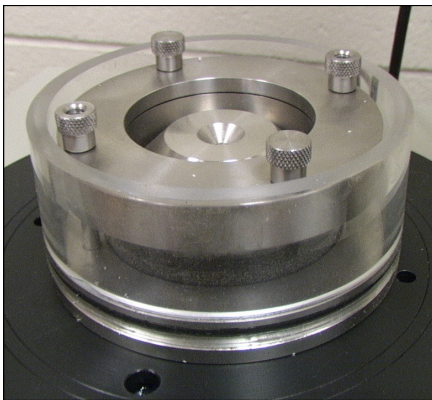
CONSOLIDATION CELLS SPECIFICATIONS

MODEL 1200

FIXED RING CONSOLIDOMETER:

63.5mm(2.5") DIAMETER STANDARD AND UP TO 101 MM (4.00") PER REQUEST

Stainless steel construction with sel-trimming sample ring, includes stainless steel loading pad, load bearing ball, and two (02) porous stones



PRESSURE SENSOR:

All stainless pressure sensor with vent and bleed port. Standard pressure range is 1400 kPa (200 psi) other ranges up to 3500 kPa (500 psi) per request.



MODEL 1230



BACK PRESSURE CONSOLIDOMETER:

63.5mm(2.5") DIAMETER STANDARD AND UP TO 101 MM (4.00") PER REQUEST

Designed so that pore pressure and permeability measurements can be taken during consolidation testing. Includes stainless steel top cap with piston passing through linear bearings and connecting to top pad. Take-off ports allow for application of confining pressure, up to 1400 kPa (200 psi), and bottom port for pressure/flow rate monitoring.

NOTE: This type of consolidometer requires the use of a pressure application/monitoring system like the Geocomp Corp. FlowTrac-II System and an external pore pressure transducer that can be supplied by Geocomp

MODEL 1214

CALIBRATION DISC:

Stainless Steel calibration disc for 62.48 mm (2.460") diameter 25.4 mm (1") high per ASTM D-2435. Used for determining the load frame deformation at various loads.

