



ADHAR INSTRUMENTS & SERVICES



Casagrande Porous Tube Piezometer

Casagrande Porous Tube Piezometer AIS-101

The casagrande porous tube piezometer is used to monitor piezometric water levels in ground. Monitoring is performed with the help of Water level indicator/sounder. Typical application includes:

- Monitoring pore-water pressure in slope stability, embankments, land fill dykes, earthen dam etc.
- Monitoring of ground improvement techniques such as vertical drains, sand drains and dynamic compactions etc.
 - Monitoring dewatering scheme for excavation and underground openings.
 - Monitoring seepage and ground movement in embankment, landfill, dykes and dams.
 - Monitoring water draw down during pumping test.

2015

Specifications:

Porous tube piezometer is made of carborundum tube of length 150mm, 37mm \pm 1mm OD, 6mm \pm 1mm wall thickness, total length 600mm with tie rods.

Stand Pipe: 25mm OD, 19mm Id, 3m long

Protective Pipe: 50mm / 100mm /150mm dia, 1m long metallic pipe with protective lock.

Complete as per Indian Standard IS: 7356 (Part-I) 2002