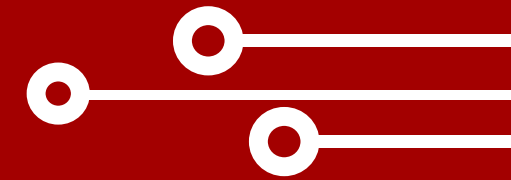




PT. GEOCIPTA BANGUN OPTIMA
Soil Investigation - Mapping - Soil Laboratory
Geophysical Survey - Geotechnical Instruments
Geotechnical Specialist

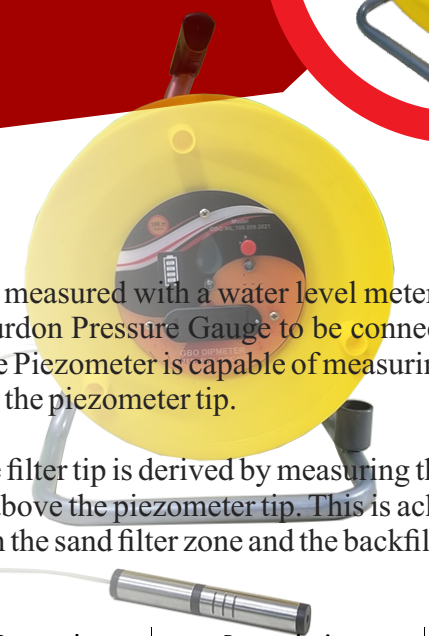


CASAGRANDE STANDPIPE PIEZOMETER

Operation:

Water level indication is measured with a water level meter. Measuring artesian pressures requires a Bourdon Pressure Gauge to be connected to the top of the standpipe. The Standpipe Piezometer is capable of measuring the borehole water level or water pressure at the piezometer tip.

The water pressure at the filter tip is derived by measuring the height of the water surface in the riser pipe above the piezometer tip. This is achieved by installing a bentonite seal in between the sand filter zone and the backfill.



Type	Ceramic Casagrande	Porous plastic	Drive in
Length	50 cm	15 cm 30 cm 60 cm	15 cm 30 cm 60 cm
Overall Diameter	40 mm	25 mm 32 mm 48 mm	25 mm 32 mm 48 mm
Pore Diameter	1 micron 60 micron	1 micron 60 micron	1 micron 60 micron
Material	PVC	PVC	Stainless Steel
Filter	Sintered HDPE Filter	Spun Nylon	Spun Nylon
Coupling Type	Plain - Plain	Plain - Threaded Plain - Plain	Plain - Threaded Plain - Plain

*Other Type is Available; Please Contact for Ask or Request



Contact Us

PT. GEOCIPTA BANGUN OPTIMA

📍 Jl. Sukamaju RT.003, RW.005
Kel Cipadung Kulon,
Kec. Panyileukan, Kota Bandung

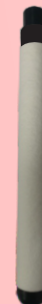
☎ Phone / FAX
(022) - 63736134

Casagrande piezometers are used to detect, measure and monitor water pressure in permeable soil or rock specifically at the installed depth of the measuring tip.

The water level can be read by portable water level meter or automatically with a pressure transducer inserted in the standpipe or connected to the filter to form a closed circuit piezometer.

Application:

- Water level monitoring
- Permeability measurements
- Construction control
- De-watering and drainage operations
- Slope stability investigations
- Contaminated Soil Monitoring
- Groundwater level for dewatering and drainage



Ceramic Casagrande



Porous plastic



Drive in