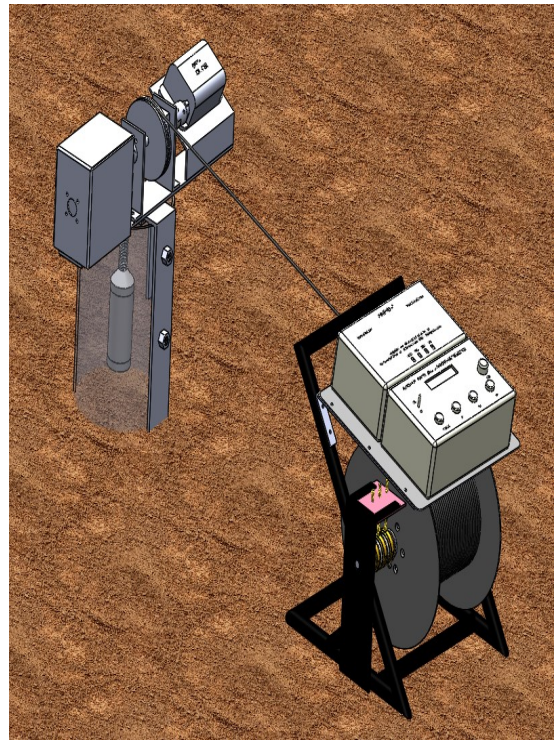


AUTOMATIC WATER LEVEL CUM BOREHOLE DEPTH DETECTOR

The climate change and variation in rainfall pattern influence the change in the groundwater table in the process people are exploring for new boreholes and leaving the existing borehole unattended. There might be a possibility of losing the data of such boreholes like its depth, water column and so on, which may be of use in future. To overcome such a situation people come across different types of apparatus and devices to measure the same.

We IGIS in the field of Geophysical instrument manufacturer, different types of resistivity meters borehole loggers and water level monitoring devices. Considering the need of such device IGIS has developed device model: AWBHD, Atomic water level cum borehole depth detector, which can measure the depth and the water table of the borehole, further be used as a pump testing unit for such unattended boreholes.

A pumping test consists of pumping groundwater from a well, usually at a constant rate, and measuring the change in water level (drawdown) in the pumping well and any nearby wells (observation wells) or surface water bodies during and after pumping.



AWBHD-1

Applications

- ❖ To measure the depth of the borehole and its water table
- ❖ To Monitor water level variations in observation wells
- ❖ To carry out drawdown measurements during pumping test.



Integrated Geo Instruments & Services Pvt. Ltd.

12-13-382, Street No: 18

Tarnaka, Hyderabad-500 017.

Phone -040-42218456

Website: www.igisindia.in, Email: info@igisindia.com

Features

Sensing device : Ceramic measuring cell with high precision.

Depth range : 200 meters

Resolution : 2 cm

Accuracy : ± 2 % of Full Scale

Over range protection : 100 %

Long term stability : ± 1 % of Full Scale per year

Time control : Internal Real Time Clock

Sampling Interval : Programmable

Ruggedity : The probe has rugged terminal housing
with permanent hermetically sealed cable.

Storage of data : 4 MB In built memory (upto 65,000 readings)

Power supply : 12 V rechargeable batteries (Chargeable with
domestic power / solar power – (Optional)



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