

FLOAT & BOARD TYPE LEVEL GAUGE



WORKING PRINCIPLE

This type of Float & Board type Level Gauge basically work on the principle of buoyancy. The float is well connected to the counter weight along with a pointer through flexible wire ropes. The pointer slides along the guide against a graduated scale to indicate corresponding levels inside the tank.

APPLICATION

Most often, the Float & Board type Level Gauge finds its application in underground and over head storage tanks. They are also used in storage tanks of petroleum products, like furnace oil, diesel, and lube oil and so on. Also, it is used in storage of vegetable oils, molasses, silicates, glucose and so on. In short, the Float & Board type Level Indicator is most widely used in all non hazardous and non pressurized tanks. For Tank height more than 10 meter we provide Anchor Plated with Anchor Housing for Installing the Anchor Rope.

FEATURE

The features of a typical Float & Board type Level Gauge can be detailed as follows. It has dust proof pulley housing. It comes with an SS bush bearing for a smooth rotation of pulley. The pointer cradle has 6 PP rollers and adjustable brackets for easy mounting. It has a non corroding aluminum board with controlled cross section geometry and a wide painted scale with prominent multi color marking. The indicator of course, has a slack float with large diameter for higher accuracy. This level indicator is very easy to transport as well as install.

HEIGHT UP TO 30 METERS. OTHER REQUIRE LONGER HEIGHT AS PER YOUR REQUEST..

PRESSURE : MAX 10 KG , TEMP : MAX 200 DEG , DENSITY : 0.70 – 2.0

MATERIALS OF CONSTRUCTION

Float : SS 316 / P.P. / SS with PTFE Coated, Rope : SS 304 / SS 316 / PP / PTFE / SS with PTFE Coated, Pulley : Aluminum / SS 316 / PP, Pulley Housing : Aluminum / P.P., Telescopic Pipe : MS / SS / PVC, Board : Aluminum / FRP / SS 316, Flanges : MS / SS / P.P., Pointer : MS / SS / FRP Coated MS, Anchor Plate : SS 316, Anchor Housing : MS / SS 316, Fasteners : GI Plated / SS, Bracket : MS / SS