

# Level Gauge

A part from Level Gauges is always fitted with two plate transparent glasses between which the fluid is contained. The fluid level is indicated as the result of the different transparency of the two media and in some cases (for water steam), by conveying upwards on to the surface of separation (between liquid and gaseous substances) a source of light located at the back of the Gauge, the rays of which are totally reflected down to the observer.

Level Gauge offered comprises professional liquid gauge and come supported by reflex glass and low/normal/high level indication support. Further, these Level Gauge is of weld-pad type and provide for reliable usage by allowing direct reading of liquid level operation. We are leading Level gauge supplier in India.



## APPLICATION

Transparent gauge is suitable for almost all installations. In fact they permit:

- the use of mica shields or Polytrifluorochloroethylene shields to protect the glass from the corrosive action of the process fluid
- the observation of interface
- The observation of the liquid colour.
- Most often, the floats and board level indicators find its application in over ground 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 and board level indicators are most widely used in all nonhazardous and no pressurized tanks

## FEATURES:

- In reflex level gauges, the glass has precision grooves cut inner side and mainly used for colour less liquids.
- In transparent level gauge, the glasses are without grooves and arranged at the front and rear of a slotted liquid chamber and mainly used for colored liquids.
- Imported/indigenous glasses on request.
- Frost free arrangement on request.
- Finding wide application in handling the process demands of level measurement in batching tanks, process tanks;
- Welded pad for providing direct viewing support;
- Toughened plate glass gaskets cover plate offering perfect sealing support.
- The features of a typical float and board level indicator 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 nylon 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