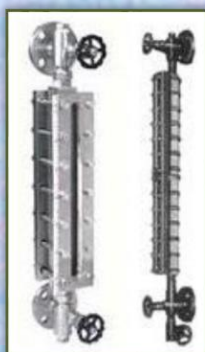


TECHWAY INSTRUMENTS

REFLEX & TRANSPARENT LEVEL GAUGE



The pharmaceutical and petrochemical industry needs the most advanced mechanisms for the success of their operations. This is because they deal with materials that are highly toxic and inflammable, and are used under high pressures and temperatures.

The Reflex & Transparent Level Gauge is one mechanism that is extremely suitable for this industry.

Reflex & transparent level gauges are preferred due to their ruggedness, sturdiness and low initial costs. They are installed to give easy level reading by viewing the position of liquid through tough glass panes.

CONSTRUCTION

These transparent level gauges come with a liquid chamber made out of single piece rod and are connected to the side of vessels. One can view the liquid level through heavy duty glasses that are temperature resistant and thermally pre-stressed. These gauges are preferred due to their ruggedness, sturdiness and low initial costs.

TECHNICAL SPECIFICATIONS AND HOW IT WORKS?

In reflex level gauges, the contrast indication inner glass surface has reflecting prisms. The liquid column, in contrast to the reflective surface above appears black. On the other hand, the transparent level gauges have heavy duty transparent glasses that are clamped firmly using nut bolts and steel cover plates. This makes easy to view the liquid clearly.

The mountings of these gauges can be done according to specific preferences. For full visibility, side mounting is most appropriate where the vessel connection is within visible length. For partial visibility, end mounting is suitable with the vessel connection beyond visible length.

Reflex and transparent level gauges can be ordered with special additions as well. These include built-in isolation valves, ball check arrangements, bolted forged or screw bonnets, acrylic or anodized aluminium scales and Mica / KLF protection against high temperature liquids. You can also opt for non-frost extensions, illuminators, built-in anti-solidification heating jackets and isolation valves.

Reflex level gauges are in great demand for a number of purposes. They are used in condensate tanks, boilers, pressure vessels, solvents, coolants, high temperature / pressure liquid storage tanks, lube oil, acids and more.

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Contact Information:

Address: 503, Valam Hub, Nr.Siddheshwar Harbour, B/h.Lijjat Hotel Nh-8, Kapurai, Vadodara-390004

Ph: 8780246937 Email: hshukla@techwayinstruments.com Website: www.techwayinstruments.com