



PETROTECH ENGINEERS

TUBULAR LEVEL GAUGE



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TUBULAR LEVEL GAUGE

GENERAL DESCRIPTION

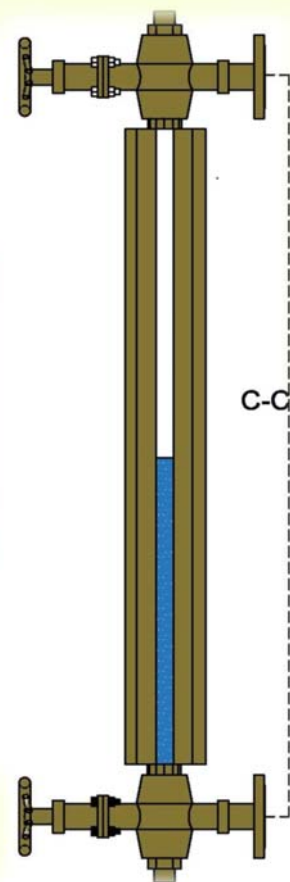
Petrotech Tubular Liquid Level gauges for tanks operating at low pressures. The instruments consist of a toughened continuous section of borosilicate glass tube which is connected at both the top and bottom to an isolation valve. The connection between the valve and glass is sealed by means of a rubber gasket contained within a union on the valve. The isolation valves used on this type of instrument are most commonly the 'off set' pattern type as this allows for the gauges to be cleaned. The continuous glass section is protected by four stainless steel guard rods or C Channel Guards which run between the valves and the pressures within which the gauges can operate are limited by the maximum allowable pressure for the glass.

APPLICATION

- Chemical, petrochemical industry, Refineries
- Pharmaceutical industry
- Pressure vessels, Storage tanks
- Marine industry
- Water & waste water treatment plants other
- Others

FEATURES

- Rugged construction.
- Easy mounting.
- Low maintenance.
- Light weight.
- 12/16/19/25 mm OD Borosilicate Glass Tube.
- Teflon 'V' rings packings for Vacuum applications. Vacuum test at 0.05 kg/ cm².
- Aluminum/ Stainless Steel/ Acrylic Plastic Scale with engraved graduations or etched markings on glass tube if required.



TUBULAR LEVEL GAUGE

GENERAL SPECIFICATION

Pressure	: 15 Kg/cm ²
Max. Temperature	: 70°C (PP) /200°C (SS)
Sp.Gravity of fluid	: 1
Wetted Parts	: CS/A105/SS304/SS316/PP
Guard	: Tie Rod, C-Frame Guards in MS and SS304
End Block	: MS, SS304, SS316, PP, PTFE
Gauge	: Borosilicate glass tube in OD of 12, 16, 19 for normal liquids and 25 mm for Viscous liquids, Suitable up to 200 Deg C, pressure rating depends upon its Length, however up to 2000 mm length, it can withstand 15 kg/cm ² .
Gland	: CI, SS316, PP
Packing	: Graphited Asbestos, Teflon 'V' Ring, Teflon Rope, Rubber Cone, PTFE
Process Connection	: Flanged and Screw Fitting
Isolation valve	: Offset type Isolating Valves (normally globe type, Hand wheel operated or Push Button operated) provided with Safety Ball Sealing Arrangement to Prevent gushing out of Liquid & Gas under pressure in case of glass tube Breakage. Globe type Valve can be Screwed Bonnet (A105/SS316)
Vent and Drain	: Plug, Ball Valve, Needle Valve, Globe Valve (1/2", 3/4")
Scale	: SS304/SS316/Acrylic/Aluminum Other
Range	: 3000mm max
Visibility	: C-C – 150 MM
Installation	: side mounted



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