TKWL-150 Glass Tube Liquid Level Meter

TKWL-150 quartz **glass tube level gauge** is the product produced by our company with highly pure quartz tube. It has clear meter display and good sealing property; it can resist high temperature and high pressure as well as prevent thickness; it has long service life and it is easy to maintain. Thus, it is widely used in the liquid level measurement and indication of various vessels and boilers in industries like petroleum, chemical engineering, electricity and metallurgy, especially applicable to the measurement and indication of colorless clear liquid,China AnHui TianKang Glass tube level gauge.

Working Principle

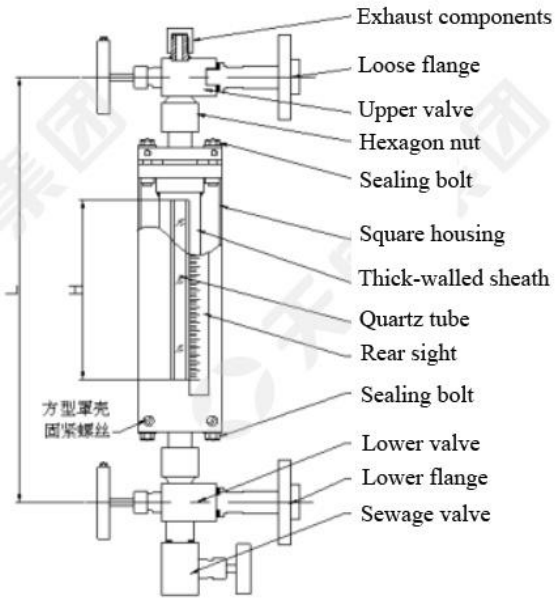
Flanges are equipped on both top and bottom of the instrument, which are connected with the vessel to form the communicating vessels through process connection. Through the quartz tube or the glass tube, the height of the medium liquid inside the vessel can be read directly. The two-color type works according to the principles of optical protection, reflection and refraction of light ray in gas and liquid. It is realized through optical system design, which makes the comparison of gas and liquid extremely clear. The liquid phase presents green and gas phase presents red. With large contrast of colors, it seems clear at a glance and there is no dead zone.

Parameters

Measurement range: 2500mm at the maximum Visible size: Flange's center distance-200mm Operating pressure: 1.6、2.5、4.0、6.4MPa Medium temperature: -80~450°C
Display mode: solid color and bicolor, the meter's observation direction can be adjusted at will
Latching valve: Self-sealing pressure of the steel ball inside the safety valve X.2MPa
Tracing steam pressure: ^1MPa, connector G1/2" (M)

Structure Features

1.Apart from the square cover, welded connection thick tube is added inside for protection, which makes the whole more solid and confirms the producfs safety.
2.The quartz tube or the glass tube is thicker, the wall is thicker, the inner diameter is larger, and it is of high transparency, thus confirming safe usage and clear observation.
3.Arbitrarily adjustable direction of the instrument.
4.It is matched with latching valve, which can automatically seal the feeding liquid when the meter leaks or damages accidentally.
5.Convenient cleaning: Use a section of wire attached with cotton lump or sponge to penetrate upwards. Repeat for several times. It can also be cleaned by acid pickling orcleaning agent.
6.Loose flange is used in flange connection, which better extends the center distance.
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功能类型 **Function type** 普玻璃管 A Ordinary glass tube 石英玻璃管 B Quartz glass tube							
触液材质 **Fluid contacting material** 碳钢 1 Carbon steel 304 2 316L 3 PP 4 304+PTFE 5 其他特殊材质 Z Other special materials							
过程连接 **Process connection** 固定法兰 法兰标准 Fixed flange Flange standard 固定螺纹 螺纹规格 Fixed thread Flange specification 其他 Z Other							
安装方式 **Installation method** 侧-侧式 Side-side type B° 顶-底式 Top-bottom type B1 侧-底式 Side-bottom type B2 顶-侧式 Top-side type B3 其他 Other Z							
中心距 **Center distance**							
工作压力 **Operating pressure**							
工作温度 **Operating temperature**							
附件选择 **Attachment selection** 无附件 0 No attachment 蒸汽伴热 1 Steam tracing 无盲区 2 No dead zone 其他 3 Others							