

6. GlassTubularLevelGauge



Model selection of ISEN Glass Tubular Level Gauge					
Model No.	Pressure	temperature	chamber	Glass material	C-C distance
Pressure	P1	1.0MPa			
	P2	2.0MPa			
	P4	4.0MPa			
	P6	6.4MPa			
	P10	10.0MPa			
Temperature	T1	<60°C			
	T2	<100°C			
	T3	<180°C			
	T4	<450°C			
	T5	<600°C			
Body material	CS	Carbon Steel			
	304	Stainless steel 304			
	316	Stainless steel 316			
	PVC	PVC anticorrosive plastic valve, flange			
	PP	PP anticorrosive plastic			
	PTFE	Stainless steel lining PTFE			
tube	B	Borosilicate Glass Tube <100°C, <1MPa			
	P	Transparent PVC, PP anticorrosive tube <60°C			
	F	Transparent Soft PTFE anticorrosive tube			
	Q	Quartz glass tube a. <450 °C; b.<600 °C,			
Flange size	DN15	DN20	DN25	DN40	DN50
Center to Center Distance					(mm)

ISEN-UGS-A (GZS-A) Bi-color Quartz Glass Tube Liquid Level Gauge

This gauge is consist of gauge valve, red/green glass sheet, V shape glass tube, chamber and scale plate.

- 1) Measureranges:300~3200mm
- 2) Glasstube size:OD29*thick10mm OD26*thick8mm
- 3) Workingtemperature:-20~600°C
- 4) Nominalpressure:PN0~10MPa
- 5) Quartztubetestpressure:≤13MPa
- 6) Metermaterial:carbonsteel,SS304
- 7) Greenforliquid,redforair(canaddelectriclightonorder)



ISEN-GZS-C series Economic Glass tube Water Level Gauge

- 1) Measure ranges: 300~5000mm
- 2) Working temperature: ≤180°C
- 3) Nominal pressure: PN0~16Bar
- 4) Meter material: carbon steel or SS304, SS316
Transparent tube protector: U shape Aluminium housing
- 5) Visible length = center to center distance -100mm
- 6) Connectionmethod:threadorflangeanytypeonorder.

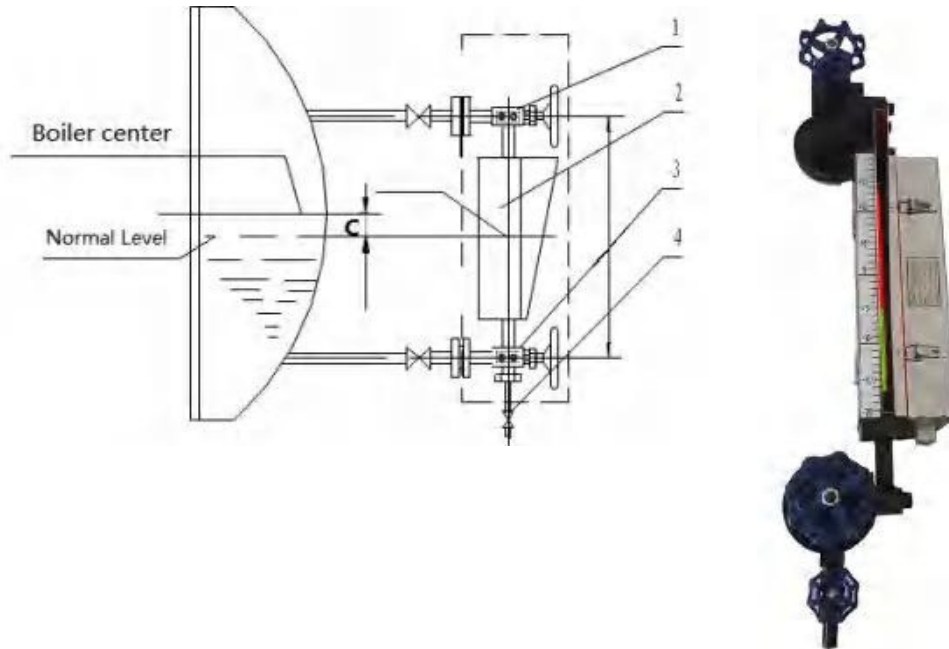


Water Gauge valve: needle valve with safety ball check inside the valve.

Type choice of glass tube:

- A) BorosilicateGlasstubeOD20mmxthick2.5mm
Borosilicate glass tube: C-C length ≤1840mm or longer;
- B) Acrylic glass tube: OD20 x thick 3mm
Suitable for center to center length <5040mm
- C) PTFEtransparenttubeOD20xthick2mm
Suitable for any length.

ISEN-B49HT-2.5G, 4.0G, 6.4G, 10G Double Color Quartz Glass Tube Water Level Indicator



Bi-color water gauge consists of upper valve, lower valve, and gauge chamber, drain valve, and lamp house. Inside the valve body. There is a safety steel ball and safety valve seat. When the quartz glass tube is broken suddenly, the steel ball will remove to the safety valve seat in high speed pushed by high pressure steam to shut off the channel of the gauge automatically until the upper and lower valves is closed by hand. The ball will be reset by the pressure from the

- 1) Measure ranges: 300-600mm
balancing tube and by its gravity.
- 2) Working temperature: -20~450°C, 600°C
- 3) Glass Tube Size: Quartz tube OD29*thickness 10mm
- 4) Meter material: A105, SS304, SS316
- 5) Process connection: flange DN25 or other. PN2.5, PN4.0, PN6.4, PN10MPa
- 6) Bi-color display: red for air, green for water level display. (Very clear display)
- 7) Two LED light assemble to the level gauge: Adapter input: 100-240VAC, output: 3-24VDC adjustable, LED power: 3-24VDC.

Components:

- | | | | |
|-------------------|----------------------|------------------|-------------------|
| 1. RED GLASS | 2. GAUGE housing | 3. WINDOWSCOVER | 4. QUARTZTUBE |
| 5. GREEN GLASS | 6. GLASS COVER PLATE | 7. LIGHTCOVER | 8. REFLECTORPLATE |
| 9. END COVER | 10. PRESS COVER | 11. GRAPHITERING | 12. BRACKET |
| 13. power adapter | | | |



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