

**HG5 Ordinary glass tube level meter**

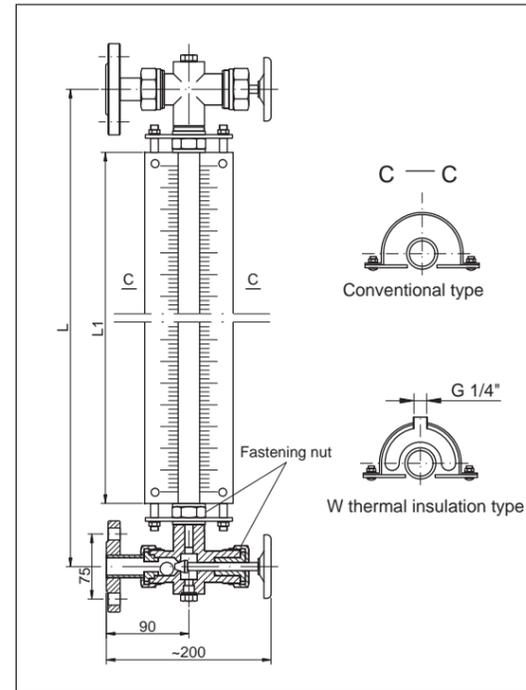
**Summary**

HG5 ordinary glass tube level meter is mainly suitable for indicating directly the level height of media in various vessels, such as jar tower trough tank etc. It's featured with simple structure and convenient service. There are safety steel balls installed in the upper and lower valve of the instrument, when the glass breaks accidentally, the steel balls under the pressure in the vessel will automatically seal to stop the liquid flowing out.

**Technical parameters**

Measuring range: 300 3000mm
Working pressure: -0.1 1.6MPa
Working temperature: -20 180
Steam jacket pressure: 1.0MPa
Steam jacket joint: G1/2" external thread
Indicating range: Flange center distance L-200mm
Process connection: HG20592 20635-97 DN20 DN50
The material touching the liquid: Carbon steel, stainless steel
High borosilicate glass tube Quartz glass tube
Steel balls sealing automatically pressure: 0.2MPa
Sewage valve: Ball valve needle valve

Note: Other flange standard (e.g. GB JB/T HGJ ANSI DIN etc.), users should note it in the order.



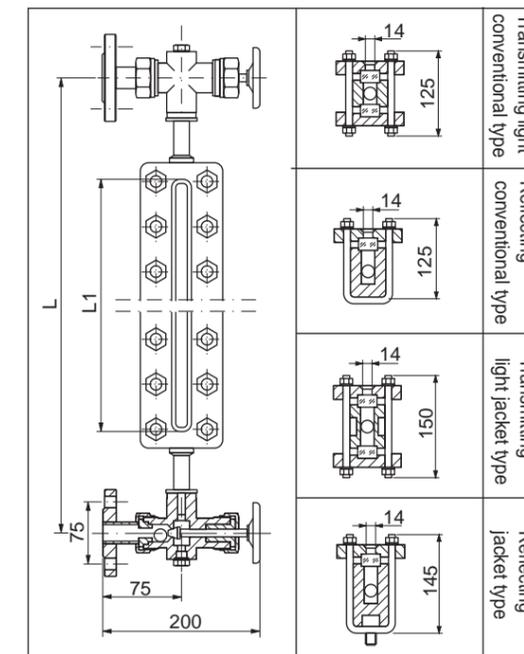
**Type selection chart**

	HG5-	Ordinary glass tube level meter			
		Carbon steel	Main body material		
		Stainless steel: 304 1Cr18Ni9Ti			
		Stainless steel: 316 316L			
		06	Flange nominal pressure 0.6MPa	Rated pressure	
		10	Flange nominal pressure 1.0MPa		
		16	Flange nominal pressure 1.6MPa		
			20	Flange bore DN20 or 3/4"	Process connection
			25	Flange bore DN25 or 1"	
			50	Flange bore DN50 or 2"	
		FF	Flange sealing surface FF	Flange sealing surface	
		RF	Flange sealing surface RF		
		M	Flange sealing surface M		
		-	Measuring range, unit mm	Measuring range	
		W	Steam heating	Heat tracing options	

**HG5 Glass plate level meter**

**Summary**

HG5 Glass plate level meter is made according to standard HG5-1364-80. It's featured with simple structure convenient maintenance safety reliability and other characteristics and widely used to measure the liquid level in petroleum chemical industry and other industrial areas.



**Structure principle**

The installation flange on the upper and lower end of level meter connected with vessel to compose a communicating vessel, the actual level height in the vessel can be read directly through the glass.

Structure of level meter mainly includes transmitting light and reflecting.

There are safety steel balls installed in the upper and lower valve, when the glass plate damages accidentally, the steel balls under the pressure in the vessel will automatically seal to stop the liquid flowing out.

**Technical parameters**

Measuring range: 500 800 1100 1400 1700 (mm)
Working pressure: 2.5 4.0 6.3MPa 0.6MPa (Suitable for R type)
Working temperature: (-20 250)
Valve sealing automatically manometer 0.2MPa
Process connection: HGJ46-91 DN20 PN4.0 or PN6.3 convex
Other flange standard (e.g. GB HG JB/T ANSI DIN etc.), users should note it in the order.
The material touching the liquid: Heat-resistant carbon steel; Stainless steel

**Type selection chart**

	HG5-	Glass plate level meter		
		A	Plane Flange	
		B	Convex Flange	
		T	Transmitting light	Basic type
		R	Reflecting	
			Nominal pressure	Rated working pressure
			Carbon steel	
			1Cr18Ni9Ti or 304SS	
			Carbon steel+stainless steel (only suitable for R type)	Main material Attachments
			L= mm	Measuring range