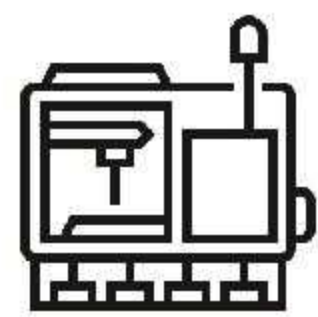


PGT300 Industrial bimetallic thermometers

Application Scenarios



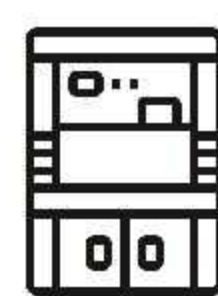
Machinery
manufacturing



Petrochemical
industry



Oil and gas
industry



Medical
equipment



Product Features

Accuracy

Using imported bimetallic sheets as temperature measurement components, the temperature measurement speed is fast and the accuracy is high

Range

(-50~500) °C

Reliable

Stainless steel argon arc welding shell, rotary sealing process, earthquake resistant, splash proof, and anti-corrosion

Customization

Support highly customized parameters based on customer needs

Product Description

- PGT300 is an industrial bimetallic thermometer suitable for measuring and monitoring medium and low temperatures of fluid vapor.
- PGT300 adopts a stainless steel 304 argon arc welding shell and a rotary sealing process, which has excellent earthquake resistance, splash resistance, and corrosion resistance, and is mercury free and easy to read number, sturdy and durable. The product is widely used in petrochemical, oil and gas industries, shipbuilding, mechanical equipment, pharmaceutical equipment, power generation, textiles, etc industrial scenarios.
- The product adopts modular design, which can flexibly meet the customized needs of customers for various parameters. Can support high performance according to various customer needs

Technical Parameter



Diameter

50mm、63mm、76mm、100mm、127mm、150mm



Measuring range

-50~500°C



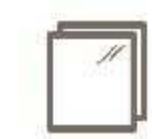
Accuracy class

2.5%、1.5%、±1%



Probe length

50、75、100、150、200..... 2200mm
(Cannot be used if the length exceeds 200mm)
φ 6.35mm probe rod)



Interface materials

SUS304、SUS316、SUS316L



Probe rod connection

Optional radial, axial, and universal installation, smooth rod, movable external thread
Movable internal threads, sleeve threads, welded fixed joints, etc



Outer diameter of probe rod

φ6mm、φ6.35mm、φ8mm、
φ10mm、φ12mm



Interface size

M20×1.5

Or other standard threads and sanitary flanges



Watch case

Spinning sealing process (optional internal card type) SUS304

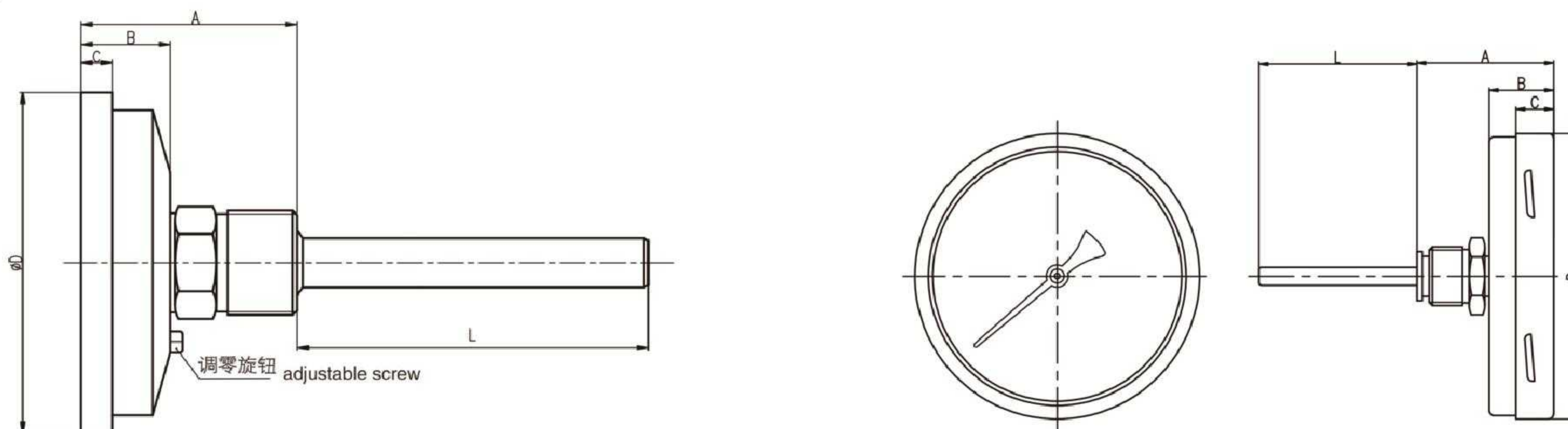


Special instructions:

Install recalibration devices and customize various options according to customer requirements
Connection methods and configuration of various protective sleeves



Specifications and Dimensions



Dial diameter		Assembling		Installation method		Outer diameter of probe rod		Probe length	
50	φ50mm	A	Radial direct	0	Polish rod	06	φ6mm	A	100mm
63	φ63mm	C	Axial direct	1	Movable male thread	63	φ6.35mm	B	200mm
76	φ76mm	W	Universal	2	Movable female thread	08	φ8mm	—	Custom not less than 60mm
100	φ100mm			3	Fixed male thread	10	φ10mm		
127	φ127mm			4	Movable flange	12	φ12mm		
150	φ150mm			5	Sliding thread				
				6	Sanitary flange				

PGT300 Industrial bimetallic thermometers

Selection rules:

Requirement: dial diameter 100mm, axial, (-50~200) °C, M20x1.5, polished rod, probe rod outer diameter 10mm, length 150mm

Model selection: PGT300-100C0GM10YY, probe length 150mm