

Main Specifications

▼ **Size**
2.5" , 3" , 4" , 5" , 6"

▼ **Installation type**
Bottom mount

▼ **Window**
Glass

▼ **Process connection**
Material: SS 304 / SS 316
Size:
Tri-Clamp 0.75" (Ø24.89mm)
Tri-Clamp 1" (Ø50.8mm)
Tri-Clamp 1.5" (Ø50.8mm)
Tri-Clamp 2" (Ø63.5mm)
Tri-Clamp 2.5" (Ø76.2mm)
Tri-Clamp 3" (Ø91.44mm)

▼ **Stem**
Material: SS 304 / SS 316
Outer diameter: 6.35mm
(Others available upon request)
Length: Min. 4" Max. 80"
(Include ferrule length)
<Thermowell can be customized in accordance with stem length>

▼ **Liquid-filling (option)**
Glycerin / Silicon oil /
Vegetable oil

▼ **Temperature range**
Min. -50°C
Max. +600°C

▼ **Applicable fluid**
Liquid and gas that compatible with connection material

▼ **Protection level**
IP54 (standard) /
IP65 (option)

Other Specifications

▼ **Ring**
Stainless steel
Outside bayonet

▼ **Case**
SS 304 / SS 316
External adjustable screw
(Hexagonal flathead screw)

▼ **Pointer**
Aluminum with black enamel

▼ **Dial face**
Red and black scale
Blue and black scale

▼ **Measuring elements**
Bimetal
Temperature sensing area:
Last 50mm of stem

▼ **Temperature accuracy**
±1°C < -20°C~80°C >

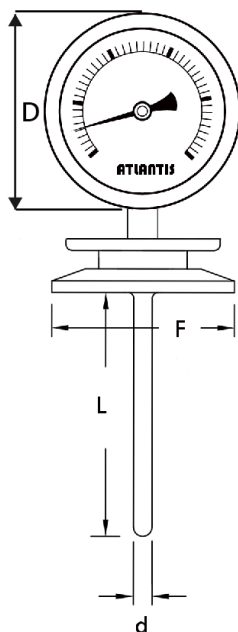
▼ **Operating temperature**
Stabilization: 3/4* F.S.
Short-time: 1* F.S.

**Sanitary Bimetal Thermometer
(Bottom mount type)
Model: BTI-S**



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Dimension



Features

- OEM service
- Comply with 3A sanitary standard
- Bottom mount type
- All stainless steel design
- Specify oil type available upon request
- Customized stem outer diameter & length (Include ferrule length)
- External adjustable screw

How to order

BTI-S Sanitary Bimetal Thermometer (Bottom mount type)										
Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item	
04	Size	025	2.5"	03	3"	04	4"	05	5"	
		06	6"	–	–	–	–	–	–	
304	Connection material	304	SS304	316	SS316	0	Others	–	–	
2	Connection type & size	1	Tri-Clamp 0.75"	2	Tri-Clamp 1"	3	Tri-Clamp 1.5"	4	Tri-Clamp 2"	
		5	Tri-Clamp 2.5"	6	Tri-Clamp 3"	0	Others	–	–	
304	Stem material	304	SS304	316	SS316	0	Others	–	–	
Custom	Stem outer diameter	Standard: 6.35mm Other stem outer diameter available upon request								
Custom	Stem length	Standard: 100mm (include ferrule length) Other stem length available upon request								
Custom	Temp. range	-50...600°C Temperature unit °C / °F, single / dual scale available								
N	Liquid-filling	N	Dry	G	Glycerin	S	Silicon oil	V	Vegetable oil	
/D	Other requests	/A	Third party notarized documents			/B	Inspection report			
		/C	Tag			/D	Customized dial face (scale, color, unit, etc.)			
		/E	Install a thermowell			/O	Remove anti-sway pointer (better sensitivity)			
		/G	Swivel nut			/H	Safety glass (only available for > 4")			
		/I	Hermetically sealed IP67			/J	Knife edge pointer			
		/K	Concave dial for easy reading			/L	O-ring sealed window material: silicon rubber			
		/M	Stem minimum length (exclude thread): 40mm (200~300°C)			/N	Remove external adjustable screw			

Order example: BTI-S - 04 - 304 - 2 - 304 - 6.35mm - 100mm - (0...100°C) - N + /D