

## Main Specifications

## ▼Size

3" , 4" , 5" , 6"

## ▼Window

Glass

With O-ring sealed

## ▼Process connection

Material: SS 304 / SS316

Sliding male / fixed flange:

Metric thread, British thread

## ▼Stem

Material: SS 304

Outer diameter (Φ):

6mm / 8mm / 9.5mm / 12mm

Length:

Minimum length: 4"

Maximum length: 80"

(100.6mm ~ 2032mm)

## ▼Temperature range

Min.: -60°C

Max.: +250°C

## ▼Applicable fluid

Liquid and gas that compatible with SS 304

## ▼Working environment

Head temperature should not over 90°C

Stem cannot continually expose to:

operating temperature over

1/2 full scale or 400°C

## ▼Protection level

IP 65

## Other Specifications

## ▼Housing

SS304

## ▼Outer Coating

PTFE tube / thermowell with

PTFE coating.

## ▼Pointer

Aluminum with black enamel

Adjustable pointer

## ▼Dial face

Aluminum, black and red

markings on with background

Single scale (°C) or

Dual scale (°C & °F)

## ▼Measuring elements

Bi-metal

Temperature sensing area:

last 2" -4" of stem

## ▼Temperature accuracy

±1.5% / ±1%F.S.

## ▼Operating pressure

Max. 40bar

## Anti-Corrosive Bimetal Thermometer

### Model: BTI-AC

### Introduction

The stem of anti-corrosive Bimetal Thermometer is processed with advanced processing technology for PTFE tube or thermowell sintered with PTFE to protect thermometer from corrosive media. It can be used to measure the temperature of severe industrial media in all kinds of chemical industries.



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.)

### Features

- OEM service
- PTFE tube / thermowell sintered with PTFE to protect thermometer from corrosive media
- All stainless steel design
- Full scale accuracy - within 1.5%
- Customized stem length
- Dual scale (°C/°F) available

## How to order

BTI-AC		Anti-Corrosive Bimetal Thermometer					
	Code	Size					
	3	3"					
	4	4"					
	5	5"					
	6	6"					
	Code	Temperature range					
	Custom	-60/+40°C to 0/+250°C					
	Code	Process connection					
	S	Sliding male thread					
	Fm	Fixed male thread					
	F	Fixed flange					
	Code	Outer coating					
	A	PTFE tube					
	B	Thermowell with PTFE coating					
	Code	Stem diameter					
	6	6mm					
	8	8mm					
	9.5	9.5mm					
	12	12mm					
	Code	Stem length					
	Custom	100.6mm ~ 2032mm					
	Code	Other requests					
	/A	Inspection report					
	/B	Third party notarized document					
	/C	Tag					
	/D	Customized dial face (scale, color, etc.)					
	/E	Accuracy 1%					
	/F	Thermowell with PTFE coating					
	/G	Dual scale (°C & °F)					
	/H	Process connection material SS316					
	/I	Silicone O-ring sealing					
<b>BTI-AC</b>	<b>4</b>	<b>0~150°C</b>	<b>S</b>	<b>A</b>	<b>6</b>	<b>150mm</b>	<b>Example: BTI-AC-4-0~150°C-S-A-6-150mm</b>