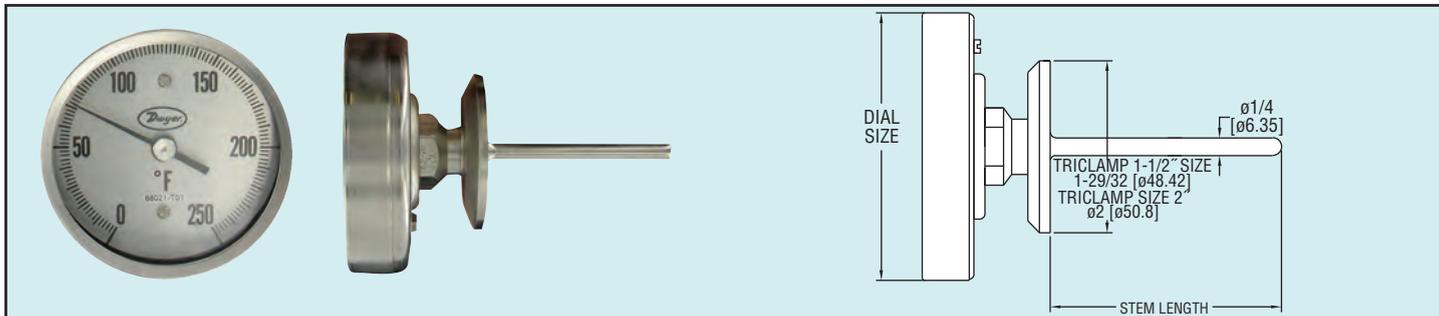




Series  
BT15S/BT20S

# Sanitary Bimetal Thermometers

## 1-1/2" & 2" Sanitary Clamp Sizes Available



**Series BTS Sanitary Bimetal Thermometers** provide highly accurate measurements and are designed to directly connect to a 1-1/2" or 2" sanitary connection. Equipped with an external reset, Series BTS thermometers can be field calibrated for years of reliable service. The Series BTS thermometers are available in various stem lengths, clamp sizes and temperature ranges to meet most standard applications. Sanitary bimetal thermometers are ideal for sanitary process applications in the food, beverage and pharmaceutical industries.

### 3" Dial Back Connection

Model	Clamp Size	Stem Length	Range
BT20S32541	2"	2.5"	-40 to 160°F
BT20S32551	2"	2.5"	0 to 250°F
BT20S32561	2"	2.5"	50 to 300°F
BT20S32571	2"	2.5"	50 to 550°F
BT20S34541	2"	4.5"	-40 to 160°F
BT20S34551	2"	4.5"	0 to 250°F
BT20S34561	2"	4.5"	50 to 300°F
BT20S34571	2"	4.5"	50 to 550°F

\*For bottom connection, add "B" to the end of the model number.  
1.5" clamp sizes also available.

### SPECIFICATIONS

**Wetted Materials:** 316/316L polished SS.  
**Housing Materials:** 316 SS.  
**Lens:** Glass.  
**Accuracy:** ±1%.

**Temperature Limits:** Head: 200°F (93°C); Stem: 800°F (427°C).

**Dial Size:** 3" or 5".

**Process Connection:** 1-1/2" or 2" sanitary clamp.

**Resolution:** 2° (depending on range).

**Weight:** 1.4 lb (635 g)

### 5" Dial Back Connection

Model	Clamp Size	Stem Length	Range
BT20S52541	2"	2.5"	-40 to 160°F
BT20S52551	2"	2.5"	0 to 250°F
BT20S52561	2"	2.5"	50 to 300°F
BT20S52571	2"	2.5"	50 to 550°F
BT20S54541	2"	4.5"	-40 to 160°F
BT20S54551	2"	4.5"	0 to 250°F
BT20S54561	2"	4.5"	50 to 300°F
BT20S54571	2"	4.5"	50 to 550°F

### OPTION

For NIST traceable calibration certificate, use order code NISTCAL-TG.

TEMPERATURE

Thermometers,  
Dial