



TC1S Series High Accuracy Stainless Steel Bimetal Thermometer

TC2S Series High Accuracy Stainless Steel Bimetal Thermometer With Heavy Case

Features

- Accuracy Class 1.0
- Quick response and high accuracy
- External micro adjustment device
- All stainless steel material
- Hermetically sealed case structure
- Temperature range up to 600°C(1100°F)
- Standard dial dual unit ranges(°F & °C)
- Sensor length up to 1000 mm
- Sensor diameter 6(standard), 6.3, 8 or 10 mm

Application

All stainless steel thermometer. Suitable for corrosive media and environments in chemical process, petroleum and food industry. The instruments meet the highest standards of measurement technique.

Technical Specification

- Nominal Size
2½", 3", 4", 5" and 6"
- Accuracy Class
Class 1.0
- Ingress Protection
IP 65
- Connection Size
Fixed connection or Sliding connection
Size G1/4", G1/2" or NPT
- Temperature Scale Range
-40° ..+600°C(-40° ..+1100°F)
- Sensing Element
Coiled bimetal sensing
- Filling
Dry, but fillable Silicone oil
- Operating Temperature
Ambient temperature -50° ..+120°C
- Bezel Ring Type
Bayonet case sealed
External calibration device on back case
- Dial Graduation
Standard in dual ranges °F and °C

Design Material

- Casing and Bezel Ring
Stainless steel 304
- Probe/ Bulb Sensor
Stainless steel 316
- Connection
Stainless steel 304, sliding connection
or * Fixed welded connection
- Window
Plain instrument glass
- Pointer
Black painted aluminum
- Dial Plate
Aluminum alloy, bowl cupped type



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