



Bimetal Thermometers

Laboratory Thin Stem Thermometers

Back Connection

Model T20 and Model T17

Thermometers

Application

High-quality, economical thermometers designed for laboratory and OEM applications.

Size

2" (50.8 mm) - Model T20
1 3/4" (44.5mm) - Model T17

Accuracy

1% full scale value (ASME B40.3)

Min. / Max. Ranges

-100 °F to 1000 °F (and equivalent Celsius)

Working Range

Steady: full scale value
Short time: 110% of full scale value

Under / Over Range Protection

Temporary over or under range tolerance of 50% of scale up to 500 °F (260°C)



Standard Features

Connection

Plain, 7/16" hex hub with no threads

Stem

304 Stainless Steel, TIG welded at tip and case connection.
0.150" diameter (0.142" on Model 2008)

Stem Lengths:

5", 8", 12", 18" standard. Others available.

Measuring Element

Bi-metal helix

Case

Material: 304 stainless steel
Hermetically sealed per ASME B40.3 standard

Dial

White aluminum, flat, with black markings

Pointer

Black aluminum

Standard Scales

Single: Fahrenheit or Celsius
Dual: Fahrenheit (outer) and Celsius (inner)

Window Gasket

Neoprene
Silicone (-100 °F and over 550 °F)

Window

Flat instrument glass

External Reset

Externally adjustable on plain connection only. No external adjustment available on threaded connections.

Standard Ranges

	Dual Scale °F & °C	°F Only	°C Only
Code	0	2	1
*03	25/125°F & -5/50°C	25/125°F	0/50°C
04	0/140°F & -20/60°C	0/140°F	N/A
05	N/A	N/A	100°C
08	50/300°F & 10/150°C	50/300°F	0/150°C
10	50/500°F & 10/260°C	50/500°F	0/250°C
11	N/A	150/750°F	0/300°C
12	200/1000°F & 100/540°C	200/1000°F	100/550°C
19	-40/160°F & -40/70°C	-40/160°F	N/A
24	0/220°F & -10/110°C	0/220°F	-10/110°C
33	N/A	-100/100°F	N/A
34	0/180°F & -18/82°C	0/180°F	N/A

*3" minimum stem length

Dampening

Helix coated with viscous silicone to minimize pointer oscillation and improve sensitivity (ranges below 500°F)

Order Options (min. order may apply)

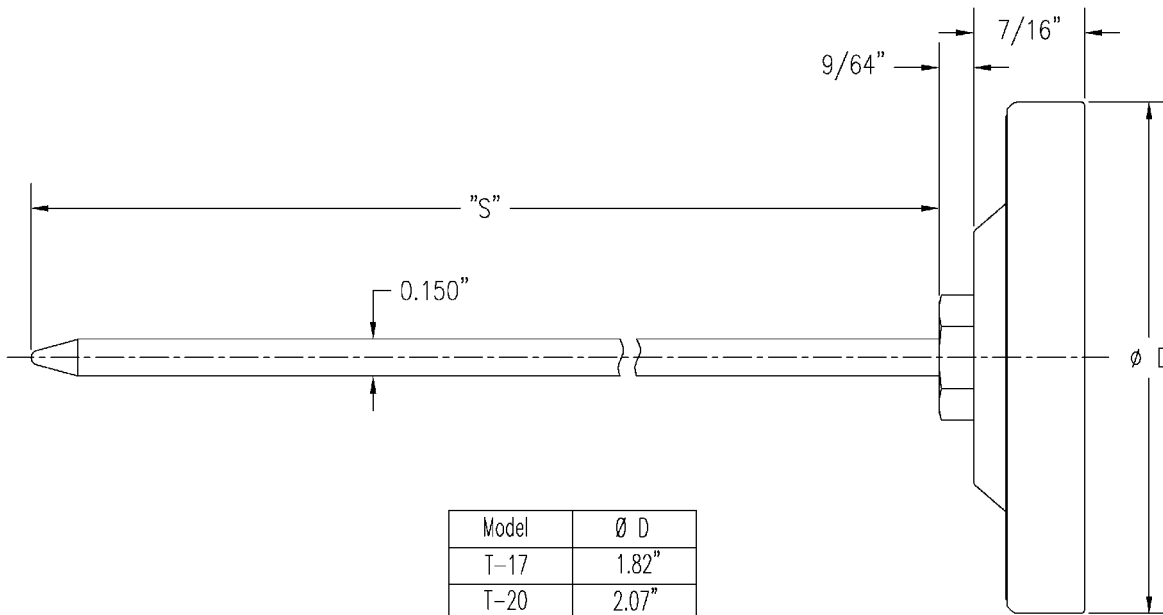
Special stem lengths
Special threaded connections
Special scales and dial markings
Lexan window
Sharp tip on end of stem
Beaker clip

Warranty

Limited one year warranty as stated in WIKA's Terms & Conditions of Sale.

Dimensions:

**Model T20 (2" Dial)
Model T17 (1-3/4" Dial)**



Model	Ø D
T-17	1.82"
T-20	2.07"

"S"=Stem Length

67(0 / (1 * 7+
5" (63.5 PP)
8" (101.6 PP)
12" (304.8 PP)
15" (381.0 PP)
18" (457.2 PP)

**THE MEASURE OF
Total Performance™**

Ordering Information:

State computer part number (if available) / type number / size / range / connection size and location / options required.

Specifications given in this price list represent the state of engineering at the time of printing. Modifications may take place and the specified materials may change without prior notice

07/02



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