Bimetal thermometers
Stainless steel version

POCKET THERMOMETER "PT" SERIES

APPLICATIONS
Chemical and laboratory, food and agriculture industry, household and hotels.

DESCRIPTION
This series of thermometers is designed for testing temperature simply and it's easy to be carried in your pocket or bag.
The material is all SS304, it can come in direct contact with food.

GENERAL SPECIFICATIONS
Case: corrosion resistant 304 SS case and bezel. Designed and constructed to provide a hermetic seal IP65, which prevents fogging and damage caused by moisture to the working components.
Dial: aluminum with white matt finish, flat type. It offers accurate indication of °C and °F scales.
Window: PC or glass lens, gasketed to maintain weather tight integrity. The PC lens is suitable for normal temperatures, the glass lens is suitable also for high temperatures.

Stem: different stem lengths are available.

Bimetal Element: an extremely responsive temperature sensing element which has been carefully sized and tested in order to ensure continued accuracy.

Standards: QualityWell manufactures bimetal thermometers in compliance with the ISO 9001:2008, RoHS, EN13190 and ASME_B40.200-2008 standards.

Accuracy: guaranteed to be 1.5% in accordance with the ASME_B40.200-2008 standard.

One Year Warranty: the units are guaranteed to be free from defects in material and workmanship under normal use and service.

STANDARD FEATURES

Measuring element:	bi-metal coil
Case:	SS304
Bezel:	SS304, sealed type
Nominal Size:	1"(25mm), 1-1/8"(28.5mm), 1-3/8"(35mm) 1-3/4"(44mm), 2"(50mm)
Dial:	aluminum, flat, black lettering
Pointer:	aluminum, black
Zero adjustment:	on case back side
Window:	gasketed glass
Hermetic seal:	sealed
Stem:	SS304, diameter 3.6 or 3.8mm, different lengths are available
Connection:	back
Sleeve	ABS, different colors are available
Accuracy:	+/-1.5%
Range:	single in °C or °F, double in °C & °F
Ingress protection:	IP65
Temperature limits for storage and transport:	-20 … +60°C

Normal Use Environment		
Area	Temperature℃	Humidity %
Outdoor	-40+85℃	5-100%
Indoor	-25+55℃	5-100%

Temperature Range °C	Applications		
	Laboratory	Household	Food Industrial
-40+50 °C	△	—	—
-20+50 °C	△	△	△
0+120 °C	△	△	△
0+150 °C	△	△	△
0+200 °C	△	△	△
0+250 °C	△	△	△
0+250 °C	△	△	△
0+300 °C	△	△	△

How to Order

QualityWell Standard   PT   -   100   -   5   -   (G)   -   (Range)

Dial	Stem Length	Lens	Sleeve	Clip	Range
100 = 1"		G = Glass	ABS	/	All Ranges from -40C~ +120C~ +300C
181 = 1-1/8"	5 = 5"		ABS	/	
183 = 1-3/8"		(Blank) = Polycarbonate	ABS	/	
143 = 1-3/4"	8 = 8"		/	available	
200 = 2"			/	available	

Options:
☆ Custom / Logo Dials
☆ Clips are availble : Pan or Tri-Angle Clip
☆ High Temperature(up to 300C)

STANDARDS: EN 13190:2001；ASME B40.200-2008