



Industrial Thermometers

Leaders in Thermometer Technology













Extensive selection of bimetal, surface, digital, and liquid-filled thermometers for a multitude of applications.



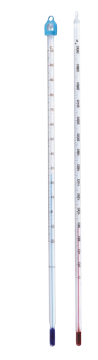









THERMOMETERS

INSERTION BIMETAL THERMOMETERS

										
Series	BT	BTLRN	GBT	BTPM	BTM3	BTL	CBT	BT15S	BT20S	HWT250
Wetted Material	304 SS	304 SS	304 SS	304 SS	304 SS	304 SS	304 SS	316/316L SS	316/316L SS	Zinc plated brass
Lens Material	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass
Accuracy	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±5°F (±2°C)
Dial Size	2", 3", 5"	3"	5"	2-1/2"	3"	3"	1-3/4", 2", 3"	3" or 5"	3" or 5"	2"
Stem Lengths	2-1/2" to 6"	12" to 72"	2-1/2" to 9"	4" to 9"	2-1/2" to 12"	2-1/2" to 6"	5" or 8"	2-1/2" or 1-1/2"	2-1/2" or 4-1/2"	1-31/32"
Process Connection	1/2" NPT	1/2" NPT	1/2" NPT	1/4" NPT	1/2" NPT	1/2" NPT	Clip	1-1/2" sanitary clamp	2" sanitary clamp	1/2" NPT
Special Features	Back, bottom, or adjustable angle connections	Longer stem lengths, optional handle	Glow in the dark scale, back or adjustable angle connections	Panel mount	Minimum/maximum follower pointer	Side mount on either right or left side	Adjustable set point flag, dishwasher safe	Sanitary clamp fitting	Sanitary clamp fitting	Slide on thermowell included

THERMOMETERS

	DIGITAL THERMOMETERS			LIQUID FILLED THERMOMETERS				BIMETAL THERMOMETERS WITH OUTPUTS			SURFACE THERMOMETERS		
													
Series	DBT	DRFT	Series	GT	RFT	IT	Series	BTO	RRT	Series	ST	BTP	STC
Wetted Material	304 SS	304 SS	Housing Material	Glass	Polycarbonate	Glass	Wetted Material	304 SS	Brass	Housing Material	Aluminum	Steel	Steel
Lens Material	Acrylic	ABS	Fill Material	Blue or red spirit filled	Red organic spirit	Blue organic spirit	Lens Material	Glass	Glass	Lens Material	Glass	Glass	Glass
Accuracy	±1°C	±1°C	Accuracy	±1 scale division	±2°F	±1%	Accuracy	±1%	±2%	Accuracy	±2%	±2%	±2%
Stem Length	2-1/2" to 24"	-	Length	12" or 16"	4.8"	9" scale	Dial Size	3" or 5"	3-1/4"	Dial Size	2"	2"	2"
Process Connection	1/2" NPT	None	Special Features	Individually serialized for calibration purposes	Horizontal mounting only	Optional thermowell	Stem Length	2-1/2" to 12"	3"	Pipe Size	Any	3/4" to 6"	3/4" to 2-3/8"
Power Requirements	3V solar cell (minimum 35 LUX)	3V solar cell and battery					Connection	1/2" NPT	1/2" NPT	Mounting	Magnets	Springs	Clips
Special Features	Solar powered with battery back-up and adjustable angle mounting	Solar powered remote probe					Special Features	4 to 20 mA output	10-1/2" capillary length for remote mounting, SPDT relay	Special Features	Magnetic mounting	Three mounting springs for pipes up to 6"	Three size mounting clips for pipes up to 2-3/8"



Leaders in Thermometer Technology

A word on our Industrial Thermometer Brochure...

Dwyer Instruments, Inc. continues to be a leading supplier of industrial thermometers and temperature gages. For years, the Dwyer Series BT Bimetal Thermometer has been a cost effective and field-proven solution for monitoring temperatures in a variety of applications.

Dwyer Instruments, Inc. has expanded the available features to include glow in the dark scales, front flange mounting, sanitary clamp mounting, pipe mounting, minimum and maximum pointer, and solar powered digital displays.

This brochure details the latest temperature measurement additions such as the new Series BTO Bimetal Thermometer with output which has combined traditional temperature measurement with a current output for remote monitoring and control. This thermometer allows users to only need one instrument connection to their pipe, while having the flexibility of a thermometer and a transmitter.

Dwyer Instruments, Inc. knows that the best does not have to cost you, the customer, the most. We encourage you to experience our exceptional value and service.

Sincerely,
The Dwyer Instruments Team



Visit Us Online, Call or Fax!

Address:
Dwyer Instruments, Inc.
102 Indiana Highway 212
P.O. Box 373
Michigan City, IN 46361 U.S.A.

Telephone:
(800) 872-9141
(219) 879-8000

website:
www.dwyer-inst.com
www.love-controls.com
www.mercoind.com
www.proximitycontrols.com

e-mail:
General: info@dwyer-inst.com
Literature: lit@dwyer-inst.com
Technical: tech@dwyer-inst.com
Quotes: quotes@dwyer-inst.com

Fax:
(219) 872-9057



DWYER INSTRUMENTS, INC.

P.O. Box 373
Michigan City, IN 46361-9986

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Corporate Headquarters

DWYER INSTRUMENTS, INC.
P.O. Box 373
Michigan City, IN 46361
Phone: 219/879-8000
Fax: 219/872-9057

Internet:
<http://www.dwyer-inst.com>
<http://www.love-controls.com>
e-mail: info@dwyer-inst.com

Branch Office/Stocking Warehouse Location

Houston Office:
Phone: 281/446-1146
Fax: 281/446-0696

Dwyer Instruments, Pty. Ltd.
Unit 1, 11 Waverley Drive
Unanderra, NSW 2526 Australia
Phone: 61 2 4272-2055
Fax: 61 2 4272-4055

Dwyer Instruments Ltd
Unit 16, The Wye Estate, London Road
High Wycombe, Bucks HP11 1LH
United Kingdom
Phone: (+44) (0)1494-461707
Fax: (+44) (0)1494-465102