

F LOW LEVEL PRESSURE A NALYTICAL TEMPERATURE INSTRUMENTATION PASTEURIZATION CONTROLS

## "Digitherm" Digital Indicating Thermometer

- Field adjustable calibration exciting new features and feature improvements incorporate
- Narrower profile
- Larger display
- Ease of wiring
- Chemically-resistive
  (polysulphone) crystal
- Reduced Price!

Anderson Instrument Company is pleased to announce several exciting new features and improvements incorporated into our "Digi-Therm" digital thermometer. These improvements make this product the industries best solution for almost any sanitary application requiring a high degree of accuracy, readability, and reliability at an affordable price.

By redesigning the entire circuit to include state of the art components, we've been able to improve readability, reduce power consumption and case depth, and lower cost! We also incorporated an on board calibration adjustment that allows fine tuning for "spot-on" accuracy at your most critical temperature.

We've maintained many of the unique features of the original as well, including the dual element RTD option with a new, internal terminal strip for ease of wiring. Our "any-angle" connector option still allows for mounting in virtually any fitting. And, the two year warranty has been maintained as well. So for applications such as storage vessels, process and CIP lines, HTST discharge, or anywhere an accurate, reliable temperature display is required, upgrade to the new "Digi-Therm". It's the most effective way to get the job done.

Complete specifications and ordering information are available from the vendor below For more information please visit our Web Site at : www.baldeweinco.com





Phone: 800-424-5544 - Fax: 888-816-708

## **Digi-Therm Specifications**

Range: 0 to 300°F (-18° to 150°C) Accuracy:  $\pm 1^{\circ}F (\pm 0.6^{\circ}C)$ Repeatability: ±0.2% of full scale (± 0.6°F) Ambient Operating Limits: 40°F to 120°F (4.4° to 40°C) Ambient Temperature Stability: better than 0.1°C per 10°C ambient shift Storage Temperature: 32° to 140°F (0° to 65°C) Display: 0.6" high-contrast LCD Resolution: 0.1°F or °C Display Update Rate: 2 seconds Offset Adjustment: Internal 5°F (2.8°C) typical 12 months typical, with two fi eld Battery Life: replaceable alkaline "AA" cells (included) Mounting: Straight Bottom (std.) or Top, Left, Right (optional) Back, Any Angle 90 degree Secondary RTD: Optional 100 ohm, 3-wire DIN coefficient (.00385 ohms/ohm/°C)

Secondary RTD Wiring: Internal terminal strip with 10' prewired cable standard Materials: Case: 304 stainless steel Crystal: Polysulphone Stem and Fittings: 316"L" grade stainless steel; All sanitary fi ttings comply with 3-A Saintary Standards (#74-01) Surface Finish (wetted parts): Ra max = 25 micro-inches (0.6 microns) Probe Styles: See Ordering Matrix below. Consult factory for special or custom probes or lengths not listed. Environmental Rating: NEMA 4X, IP-66

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## HOW TO ORDER

<b>DISPLAY</b> ── F °F C °C <b>OPTIONAL R</b> 1 Digital Ther	m. (Std.)	
2 Digi-Therm <b>MOUNTING</b> 1 Bottom 4 Back 5 Left 6 Right 7 Top	with RTD	
FITTING 001-013 002-037 004-037 005-049 006-049 007-053 008-065 010-031 011-730 016-031 017-730 027-044 028-056 032-033 033-049 044-029 045-035 060-221 060-360 060-435 060-532 060-680 061-077 062-139 063-161 064-187 084-033 084-057 084-089	PROBE LENGTH 1/2" Tri-Clamp 1 1/4" 3/4" Tri-Clamp 2 3/4" 1 1/2" Tri-Clamp 2 3/4" 2" Tri-Clamp 3 1/2" 2 1/2" Tri-Clamp 3 1/2" 3" Tri-Clamp 3 3/4" 4" Tri-Clamp 4 1/2" 1 1/2" APC "K" 2 25/32" 1 1/2" Cherry I-Line (male) 2 3/8" 2" APC "K" 2 25/32" 1 1/2" Cherry I-Line (male) 2 25/32" 1 1/2" G & H "H" Line (male) 3 3/16" 2" G & H "H" Line (male) 3 15/16" 1 1/2" Cherry "Q" 2 1/2" 2" Cherry "Q" 3 1/2" 1 1/2" #14 Bevel Seat 2 1/4" (with 13 H nut) 2" #14 Bevel Seat 2 5/8" (with 13 H nut) Umbrella 14 1/4" Umbrella 22 15/16" Umbrella 27 5/8" Umbrella 33 11/16" Umbrella 42 15/16" Split ferrule 5 1/4" Projectile well (41247) 9 1/8" Projectile well (41279) 12 1/8" Bi-metal well 1/2" NPT 4" Bi-metal well 1/2" NPT 4" Bi-metal well 1/2" NPT 4"	<b>CABLE LENGTH</b> (for secondary RTD) 00 No optional RTD 02 10' 04 20' 06 30' 08 40' 10 50' 15 75' 20 100'

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Bi-metal well 1/2" NPT 15"
Bi-metal well 1/2" NPT 18"
Bi-metal well 1/2" NPT 24"

084-137

Bi-metal well 1/2" NPT 9"

## WWW.BALDEWEINCO.COM

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