



STOCK
innovative sterilization solutions

STOCK DTG

DIGITAL REFERENCE TEMPERATURE GAUGE

RETORT STERILIZER APPLICATIONS

The STOCK DTG Digital Thermometer gauge carries on the tradition of accurate and reliable electronic temperature indication while incorporating many new features tailored to a growing industry. Health concerns related to mercury continue to grow, and the days of the traditional MIG (mercury-in-glass) thermometer on the process floor are numbered.

As regulations in the LACF industry change, and companies look to adopt new technology, STOCK is there to offer a solution comprised of the latest instrumentation and process validation services.

Building on a solid platform of accuracy and reliability, the DTG incorporates many features tailored to the demanding U.S. and global market. Redundant temperature elements provide continuous error checking. Unlike traditional MIG's or simple off the shelf components, this unique feature provides backup so your process can continue to run with no downtime. Certification of calibration against a NIST traceable source is provided with each unit. For facilities with inhouse metrology capability, the DTG offers up to five user configurable calibration points, so you can fine tune calibration to perfect match your in-house reference.



- Ideal replacement for Mercury-In-Glass Thermometers
- Designed for Retort Sterilizer Processes
- Operates on field replaceable batteries
- Large Liquid Crystal Display makes viewing easy and repeatable
- All models offer field calibration capabilities
- Dual element and onboard diagnostics; complies with Code of Federal Regulations

SPECIFICATIONS

- Compliance: CE, 3-A, NEMA 4X, IP-66
- Product Contact Surface: Fitting & Probe: 316L SS
- Non-product Contact Surface: Housing - 304 SS
Lens - Polysulphone
- Process Temp. Range: 0 to 300°F (-18 to 150°C)
- Units: Deg F and Deg C; field selectable
- Resolution: 0.1°F or °C
- Accuracy: +/- .5°F (+/- 0.3°C) Full Scale
- Ambient Operating Limits: 40 to 140°F (4.4 to 60°C)
- Ambient Temp. Stability: Better than 0.1°C per 10°C ambient shift
- Storage Temp.: 32 to 140°F (0 to 65°C)

- Display: LCD: 4 digit main display, 6 digit secondary; 0.9" high contrast LCD
- Error Warning: LCD flashing
- Power: 2 AA Industrial Grade Batteries
- Battery Life: 6 month minimum
- Vibration: 10 to 60 Hz, 2g
- Warranty: 2 year
- Display Update: 3 seconds
- Calibration Adjustment: Via onboard switches; up to five field adjustable points
- Surface Finish: R_a max = 32 micro inches

ORDERING MATRIX



STYLE

- 3 High Temp. Retort - Direct Mount
- 4 High Temp. Retort - Remote Display (must order mounting style 9)

DISPLAY UNITS

- 0 Deg F
- 1 Deg C

MOUNTING

- 1 Bottom
- 4 Back (90° elbow)
- 5 Left
- 6 Right
- 7 Top
- 8 Back (45° elbow)
- 9 Remote Display - Bottom Cable Exit

FITTING / INSERTION

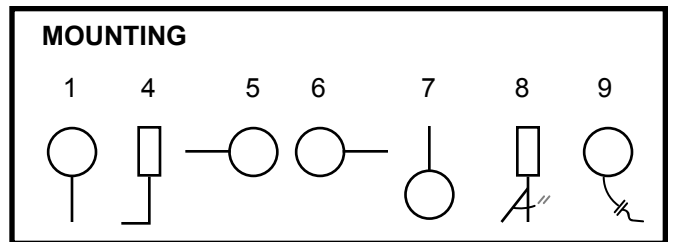
100-049	Projectile Well*	3-1/2"	1-1/4" 18UNEF IAMD Nut Industrial Well
101-091	Projectile Well*	6-1/8"	
062-139	Projectile Well*	9-1/8"	
063-161	Projectile Well*	10-1/2"	
064-187	Projectile Well*	12-1/8"	
084-033	Bi-Metal Well 1/2" NPT	2-1/2"	
084-057	Bi-Metal Well 1/2" NPT	4"	
084-089	Bi-Metal Well 1/2" NPT	6"	
084-137	Bi-Metal Well 1/2" NPT	9"	
084-185	Bi-Metal Well 1/2" NPT	12"	
084-233	Bi-Metal Well 1/2" NPT	15"	
084-281	Bi-Metal Well 1/2" NPT	18"	
084-377	Bi-Metal Well 1/2" NPT	24"	

REMOTE DISPLAY CABLE LENGTH

- 0 None
- 1 5' (style 4)
- 2 10' (style 4)
- 3 15' (style 4)
- 4 20' (style 4)

FIXED CHARACTERS

- ### PROBE
- 0 Standard Probe



Consult factory for other fittings.
* Typical MIG Thermometer replacement probes

