



FLOW
LEVEL
PRESSURE
ANALYTICAL
TEMPERATURE
INSTRUMENTATION
PASTEURIZATION CONTROLS



"DTG" Digital Temperature Gauge for Retort Applications

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

The Anderson DTG Digital Temperature 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 Retort Cooker industry change, and plants look to adopt new technology, the DTG is there to offer a solution. Building on a solid platform of accuracy and reliability, the DTG incorporates additional features specific to this demanding 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 emergency downtime. Certification of calibration against an NIST traceable source is provided with each unit. For facilities with in-house Metrology capability, the DTG offers up to five user configurable calibration points, so you can fine tune in order to perfectly match your in-house reference.

Complete specifications and ordering information are available on the reverse. For additional information please visit us on the web at www.andinst.com, or contact your local Authorized Anderson Distributor.



Complete Product Ordering Matrix

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* Typical MIG Thermometer replacement probes.

† Sensors with these options are non-cancellable/non-returnable for credit.

DTG 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 158°F (4.4 to 70°C) (With use of Thionyl Chloride Lithium battery only)
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:	Field replaceable battery; Thionyl Chloride Lithium 3.6VDC; AA package
Battery Life:	18 months typical (With use of Thionyl Chloride Lithium battery only)
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