Thermometers

DIGITAL THERMOMETERS AND PROBES







Innovative Handheld Digital Thermometers

TEGAM's 820 Series Thermometers are easier to use, more accurate, and provide more functions than any competitive unit at any price, including Fluke's 50 series. Easy to use because every function is controlled by its own accessible front panel key. Easy to understand because the status of every function is shown on the display. Easy to program because one touch of the user friendly keypad changes TC type from K to J to T. One touch changes ºF to ºC. One touch begins or ends min. max. data recording, views recorded data, or holds the display. It's easy to repeat procedures because the unit retains the functions you've selected even when turned off. The dual input models allow you to view T1, T2, or T1 minus T2, or to continually scan all three modes. Their six data logging registers automatically record the minimum and maximum temperatures of all three modes simultaneously.

These thermometers are more accurate, with accuracies of 0.1 % and a resolution of 0.1 º full range in ºF and ºC. You get fast, accurate and repeatable readings, and an unmatched two year calibration guarantee to prove it.

All models conform to the temperature/voltage tables of the National Institute of Standards and Technology and to IEC 584 standards.

"One-Touch" keys let you:

- Change TC types (K, J, T)
- Change resolution from 0.1º to 1º
- Switch to ºF or ºC
- Hold display values

"One-Touch" keys on TEGAM's 820/821 also let you:

- View or continuously scan T1, T2 and T1 minus T2
- Record min-max data
- View recorded data
- Scan recorded data

All Models also feature:

- Exceptional accuracy: 0.1 % with 0.1 º resolution ºF and ºC
- Repeatability 0.2 ºC typical
- 6 Data logging registers
- Trend indicators on 820/821 show rising, falling, or stable temperature
- Annunciators display status of all functions
- Self-diagnostics show low battery, open TCs, overrange, or internal hardware faults
- Drop-proof, dust-proof, and splash-proof ABS case
- NIST traceable certificate of calibration available upon request
- Two-year calibration guarantee, three-year warranty

ORDERING INFORMATION

MODEL	TC TYPES	INPUTS
819	K, J, T	One
820	K, J	Two
821	K, J, T	Two
*819/RB	K, J, T	One
*820/RB	K, J	Two
*821/RB	K, J, T	Two

*Includes Rubber Boot

SPECIFICATIONS

ACCURACY: ± (0.1 % rdg + 0.6 ºC)
RESOLUTION: 0.1/1 ºF OR ºC
REPEATABILITY: ± 0.2 ºC (0.36 ºF) typical

THERMOCOUPLES:	RANGE	TYPE K	TYPE J	TYPE T
	ºF	-328 to +2502	-346 to +1400	-328 to +752
	ºC	-200 to +1372	-210 to +760	-200 to +400

DISPLAY: 5-digit LCD, 0.4 in high
DIMENSIONS: 7 in x 2.9 in x 1.1 in WEIGHT: 10 oz
INCLUDED ACCESSORIES: Integral Tilt Stand/Handle, Wrist Strap, 9 V Battery, Manual, two 8712 Probes with 820/821 (one 8712 Probe with 819).

Prices and specifications subject to change without notice.

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YOUR GLOBAL SOURCE FOR TEST AND MEASUREMENT SOLUTIONS