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 °F to °C. 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 ° full range in °F and °C. You get fast, accurate and repeatable readings, and an unmatched two year calibration guarantee to prove it.

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 °C) RESOLUTION: 0.1/1 ºF OR ºC REPEATABILITY: ± 0.2 °C (0.36 °F) typical THERMOCOUPLES: RANGE TYPE K TYPE J TYPE T ⁰F -328 to +2502 -346 to +1400 -328 to +752 °C -200 to +1372 -210 to +760 -200 to +400 DISPLAY: 5-digit LCD, 0.4 in high WEIGHT: 10 oz DIMENSIONS: 7 in x 2.9 in x 1.1 in INCLUDED ACCESSORIES: Integral Tilt Stand/Handle, Wrist Strap, 9 V Battery, Manual, two 8712 Probes with 820/821 (one 8712 Probe with 819).

AND MEASUREMENT SOLUTIONS

All models conform to the temperature/voltage tables of the

• Change resolution from 0.1° to 1°

• View or continuously scan T1. T2

• Exceptional accuracy: 0.1 % with

0.1 ° resolution °F and °C

• Repeatability 0.2 °C typical

• Trend indicators on 820/821

show rising, falling, or stable

Annunciators display status of all

battery, open TCs, overrange, or

Two-year calibration guarantee,

• 6 Data logging registers

· Self-diagnostics show low

internal hardware faults • Drop-proof, dust-proof, and

splash-proof ABS case • NIST traceable certificate of calibration available upon

three-year warranty

"One-Touch" keys on TEGAM's 820/821

and T1 minus T2

• Record min-max data

• View recorded data

Scan recorded data

All Models also feature:

temperature

functions

request

National Institute of Standards and

Technology and to IEC 584 standards.

• Change TC types (K, J, T)

"One-Touch" keys let you:

• Switch to °F or °C

also let you:

Hold display values



YOUR GLOBAL SOURCE FOR TEST