

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Tegam 821* at our website: ***Click HERE***

TEGAM

Models 819A, 820A, 821A

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.

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 0.1° to 1°
- Switch to °F or °C
- Hold display values

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

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

Prices and specifications subject to change without notice.







Specifications

Accuracy	± (0.1 % rdg + 0.6 °C)			
Resolution	0.1/1 °F OR °C			
Repeatability	± 0.2 °C (0.36 °F) typical			
Thermocouples	**Range**	**Type K**	**Type J**	**Type T**
	°F	-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			
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, (2) 8712 Type K Wire Sensor Probes with 820A/821A, (1) 8712 Type K Wire Sensor Probe with 819A			

All Models also feature:

- Exceptional accuracy: 0.1 % with 0.1 ° resolution °F and °C
- Repeatability 0.2 °C 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
819A	K, J, T	One
820A	K, J	Two
821A	K, J, T	Two

Type T Package

Model	TC Type	Inputs
819A/RB-T	T	One

Includes: (1) 8752 Type T Wire Sensor Probe, Belt Clip, Rubber Boot and (1) 9253 M/M Extension Cable

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP