

ARTISAN®
TECHNOLOGY GROUP

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

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

We buy your excess, underutilized, and idle equipment
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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

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Find the *Perkin Elmer TMA 7 and DMA 7e* at our website: ***Click HERE***

Specifications 10

TMA 7 Thermomechanical Analyzer

Displacement Sensitivity	50 nm
Ordinate Linearity	± 0.5% to 2.5 cm
Sample Size	0.75 cm (0.3 in.) diameter (maximum) 1.91 cm (0.75 in.) height (maximum)
Computer Controlled Loading	0 - 250 grams
Temperature Range	Standard unit allows operation from ambient to 1000 °C. With optional accessories the range may be extended to –180 °C.
Heating and Cooling Rates	0.1 to 100 °C/min in 0.1 °C increments
Temperature Precision	± 2 °C
Sample Type	Solids, liquids, powders, films and fibers
Atmosphere	Static or dynamic including nitrogen, argon, helium, carbon dioxide, air, oxygen or other inert or active gases
Temperature Sensors	Chromel–alumel thermocouple

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Probe Types	Expansion, Penetration, Compression, Flexure, Extension, Dilatometer
Report Format	Reports may be formatted in graphic or tabular format using the parameters listed above.
Instrument calibration	Automatic calibration routines are available for all major instrument operating parameters, including: Force, Temperature, Displacement, and Eigendeformation.

Thermal Analysis Controller

General	The TAC 7/DX is the intelligent microprocessor controller that links the computer to the 7 Series thermal analysis modules.
Microprocessor	High speed microprocessor for control of all functions
Memory	32 kilobytes ROM. 16 kilobytes RAM
Communications Ports	Two RS-232C communications ports, an analog control port and a digital control port.
Diagnostics	Built-in diagnostics continuously monitor and analyze all system functions.

GSA 7 Gas Selector Accessory

General	The GSA 7 permits automatic switching of purge gases at operator selected intervals. Compatible with all 7 Series thermal analysis instrument modules.
Type	Automatic computer-controlled gas switching device which is directly controllable through the computer.

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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.

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

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

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