ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
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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

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Find the *Vena Engineering Triton 4500* at our website: *Click HERE*

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TRITON 4500

CSS Tester

The most powerful of the PowerSeries testing systems, the TRITON 4500 offers unprecedented levels of accuracy, reliability and repeatability unavailable with any other testing equipment. The TRITON 4500, with options including its unique spin stand design, CSS software, powerful ramp load/unload, dual DSP-based motor controllers capability and high-speed AE, assures the highest quality testing environment necessary in CSS research and development.

TRITON 4500 Features:

- Spindle operating speeds up to 20,000 RPM (VS90+ spin stand)
- Native Windows NT application and built-in networking
- Ramp load/unload
- Sustained data acquisition of 10 kHz per channel of strain, AE, RPM, temperature, humidity, and third party equipment including environmental monitors and chambers, particle counters, and digital oscilloscopes
- Strain arm resonant frequency of 3.2 kHz (capable of X and Y-axis calibration)
- Complete automatic offset adjustments and calculations of stiction, friction, take-off-velocity (TOV), take-off-time (TOT), and flying friction without user-specified time windows
- Proprietary dual DSP-based distributed motor controller with velocities from 1 - 20,000 RPM and high resolution actuator movement with speeds up to 40 ips
- Support for differential and single ended AE transducers
- Data Analysis and Report Workshop (Extended test capability for unlimited test configurations)
- Precision Calibration Toolset for unprecedented accuracy in measuring and establishing every critical mechanical parameter

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.

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

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