



Empowering operators of any skill level to contribute to highest manufacturing testing standards from A to Z.

2026



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✉️ www.tensilemillcnc.com

TensileMill CNC **MICRO**

The Compact Revolution in Tensile & Impact Sample Preparation



Precision. Simplicity. Affordability. Designed specifically for low-volume labs and QC teams ready to say goodbye to manual routers.

The TensileMill CNC MICRO is a compact, 2-axis machining system designed for preparing flat tensile and impact test specimens from metal, plastic, and composite materials. The system is suitable for laboratories and production environments where precise specimen geometry and consistent repeatability are required, but the volume of samples does not justify a full industrial CNC machining setup.

COMPACT CNC SOLUTION FOR LOW-VOLUME TENSILE AND IMPACT SPECIMEN PREPARATION



**SMALL
FOOTPRINT**



**PERFECT FOR UNTRAINED
CNC MACHINIST**



**TURNKEY
SOLUTION**



**ACCURATE AND REPEATABLE
RESULTS, EVERY TIME!**



**SUPER
USER-FRIENDLY**



**FREE
PROOF OF CONCEPT**



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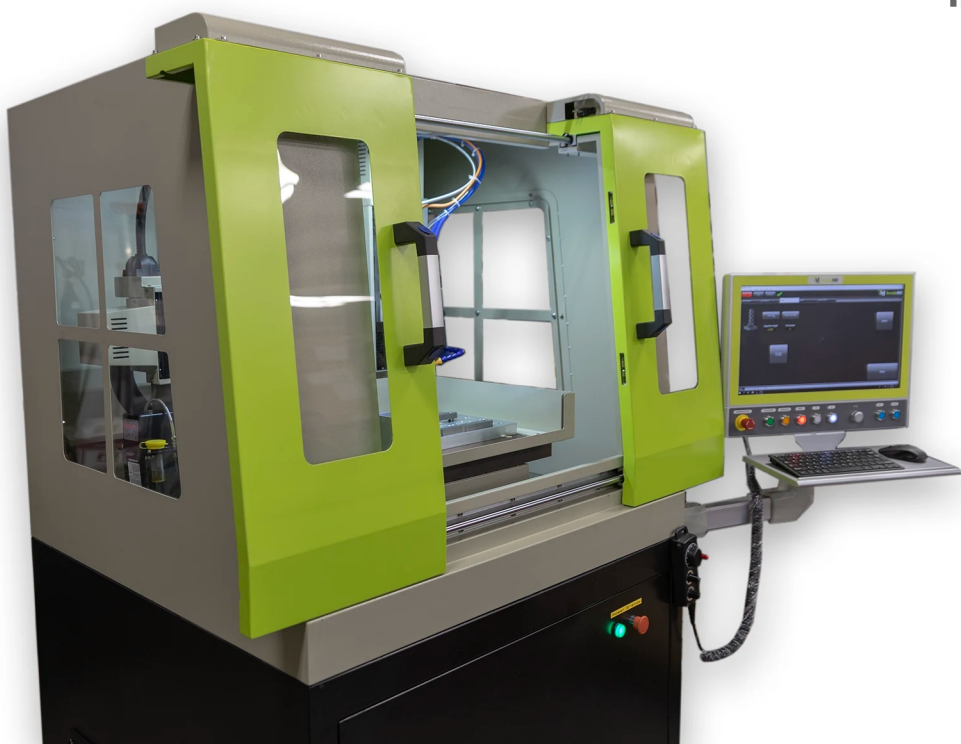
TensileMill

CNC MINI

Compact Flat Tensile Specimen
Preparation Machine

The Compact Flat Tensile Test Sample Preparation Machine is designed to deliver precision and efficiency in a space-saving format, making it ideal for both small and large laboratories. With its robust construction and user-friendly interface, this machine ensures consistent sample preparation for tensile testing, significantly reducing setup time while enhancing the accuracy of results. Its advanced features, including automated processes and quick changeover capabilities, make it a reliable solution for diverse material testing needs, providing superior repeatability and performance.

PREPARING FLAT TENSILE SPECIMENS IN ACCORDANCE TO ASTM, ISO, DIN AND JIS STANDARDS.



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The Classic Upgrade Flat Tensile Test Sample Preparation Machine is engineered for high precision and durability, ideal for demanding testing environments. This upgraded model combines enhanced stability and cutting accuracy with user-friendly operation, allowing for seamless flat tensile sample and impact test preparation in a wide range of materials. Its heavy-duty construction ensures long-term reliability while maintaining consistent performance.

PREPARING FLAT TENSILE SPECIMENS IN ACCORDANCE TO ASTM, ISO, DIN AND JIS STANDARDS.



**NO SURFACE
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TensileMill CNC CLASSIC UPGRADE



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TensileTurn CNC **INDUSTRIAL UPGRADE**

Round Tensile Specimen
Preparation Machine



The Industrial Upgrade Round Machine offers robust performance and precision for high-demand testing environments. Designed for efficient round sample preparation, it features enhanced cutting accuracy, durable construction, and automated processes, ensuring consistent results while minimizing operator input. Ideal for large-scale industrial applications, it delivers reliable performance and adaptability across various material types.

PREPARING ROUND TENSILE SPECIMENS IN ACCORDANCE TO ASTM, ISO, DIN AND JIS STANDARDS.



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TensileTurn CNC **CLASSIC UPGRADE**



Round Tensile
Specimen
Preparation
Machine

Classic Upgrade delivers compact, high-precision performance for modern tensile testing labs. Built to simplify round specimen preparation, it combines a robust CNC platform with our intuitive TensileSoft™ 2.0 interface and 15" touchscreen controller—helping operators of any skill level produce consistent, repeatable results. With support for tough materials up to 55 HRC and efficient multi-sample workholding, it streamlines workflows, reduces turnaround time, and keeps specimen quality reliably on standard.

PREPARING ROUND TENSILE SPECIMENS IN ACCORDANCE TO ASTM, ISO, DIN AND JIS STANDARDS.



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TensileMill

AUTOMATIC LONGITUDINAL POLISHER SYSTEM

The Automatic Longitudinal Polisher System is designed for precise and efficient flat and round sample polishing in preparation for tensile testing. Featuring automated longitudinal polishing and adjustable settings, this system ensures uniform surface finishes for consistent test results. It is ideal for high-volume operations, offering ease of use, repeatable quality, and reduced manual effort, making it a reliable choice for advanced material preparation.

AUTOMATIC LONGITUDINAL POLISHING FOR TENSILE TEST SAMPLES



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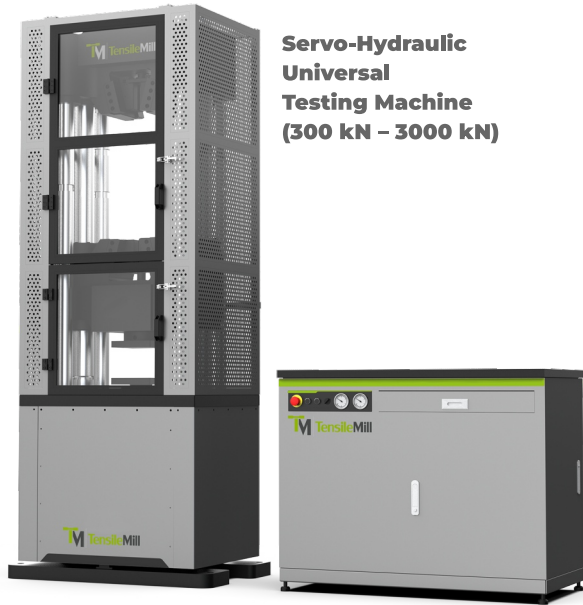


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TensileMill TENSILE TESTING EQUIPMENT



**Servo-Hydraulic
Universal
Testing Machine
(300 kN – 3000 kN)**

The TM-SHM Series A Servo-Hydraulic Universal Testing Machine is a high-capacity system engineered for static tensile and compression testing of metallic materials under ASTM and ISO standards. Its dual-zone hydraulic load frame enables efficient tension-compression workflows without fixture changeover for QA laboratories and industrial testing environments.



**Electro Mechanical
Universal
Testing System
50kN / 1000kN with
Precision Load Cell**

The TM-EML Dual Column Floor Standing Universal Testing System provides high accuracy with a tolerance of $\pm 0.5\%$ of the reading value. Its wide testing range spans from 50kN to 1000kN (11,240lbf to 224,800lbf), catering to virtually all metal testing requirements. These units can also be fitted with a sub cell for enhanced precision in lower capacity testing.

**Single- or Dual-Column Benchtop & Floor-Standing
Universal Testing System 5 kN / 50 kN**



Ideal for laboratories, research centers, and quality-control environments, it enables reliable tensile, compression, and flexural testing of plastics, rubbers, films, foams, composites, wires, adhesives, and other lightweight materials. Integrated GenTest™ software and modular accessory compatibility ensure intuitive operation and full compliance with ASTM and ISO standards.

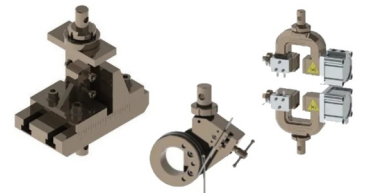
CALIBRATION AND CERTIFICATION SERVICES FOR TESTING EQUIPMENT



ALIGNMENT DEVICE



GRIPS AND FIXTURES FOR UNIVERSAL TESTING MACHINES



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ALL RANGE OF TENSILE AND IMPACT SAMPLE PREPARATION EQUIPMENT

FLAT/IMPACT



FLAT



FLAT/IMPACT



ROUND



ROUND



FLAT/ROUND



TensileMill CNC

MICRO

Compact Flat Tensile Specimen Preparation Machine



TensileMill CNC

MINI

Compact Flat Tensile Specimen Preparation Machine



TensileMill CNC

**CLASSIC
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TensileTurn CNC

**INDUSTRIAL
UPGRADE**



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**CLASSIC
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AUTOMATIC

**LONGITUDINAL
POLISHER SYSTEM**



**PREPARING SPECIMENS
IN ACCORDANCE TO
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