



TENSILE TEST CHAMBERS AND FURNACES

Tensile Test Chambers & High-Temperature Furnaces

Accurate material testing under controlled temperature conditions is essential for industries such as aerospace, automotive, metallurgy, and research laboratories. Our ToronTTC-Series Tensile Test Chambers and ToronTF-Series High-Temperature Furnaces are engineered to deliver precise thermal environments, ensuring reliable tensile testing results across a wide temperature range.

Optimize Your Tensile Testing with Cutting-Edge Temperature Control

The ToronTTC-Series Tensile Test Chambers and ToronTF-Series High-Temperature Furnaces are engineered to deliver precise, repeatable testing conditions for evaluating material properties under varying thermal environments.

Contact us today to explore how our ToronTTC-Series and ToronTF-Series solutions can enhance your tensile testing applications

APPLICATIONS

ToronTTC-Series Tensile Test Chambers - Versatile Thermal Control for Tensile Testing

The ToronTTC-Series provides advanced temperature-controlled environments for tensile testing applications. These chambers are designed to seamlessly integrate with universal testing machines, offering exceptional thermal stability and rapid temperature transitions for accurate mechanical testing.

We offer five distinct models to accommodate a broad range of testing requirements:

1. [ToronTTC-300](#): Ambient to +300°C – Ideal for standard high-temperature tensile testing.
2. [ToronTTC-30-300](#): -30°C to +300°C – Suitable for moderate sub-zero testing applications.
3. [ToronTTC-40-300](#): -40°C to +300°C – For enhanced low-temperature evaluations.
4. [ToronTTC-60-300](#): -60°C to +300°C – Designed for extreme cold material testing.
5. [ToronTTC-150-300](#): -150°C to +300°C – Ideal for ultra-low temperature and cryogenic tensile testing.

Each model ensures precise temperature control, uniform heating and cooling, and seamless integration with test setups, making them the ideal solution for demanding material evaluations.

ToronTF-Series High-Temperature Furnaces – Advanced Split-Structure Furnaces for High-Heat Testing

For applications requiring extreme heat, the ToronTF-Series High-Temperature Furnaces provide superior thermal performance with a barrel-type split structure, allowing easy specimen access while maintaining optimal heat distribution.

Our two high-temperature furnace models include:

1. [ToronTF-900](#): 300°C to 900°C – Ideal for high-temperature tensile and creep testing applications.
2. [ToronTF-1100](#): 200°C to 1100°C – Designed for ultra-high temperature testing, metallurgical analysis, and advanced material studies.

Both models feature precise thermal regulation, excellent heat insulation, and long-term stability, making them the perfect choice for industries requiring extreme temperature tensile testing.



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