



TORONTECH



HYDROSTATIC PRESSURE TEST TANKS FOR THERMOPLASTIC PIPES AND FITTINGS - TTANKS - SERIES

Compliant with ASTM D1598, ASTM D1599 and ISO 1167 standards

Torontech's TTanks Series offers a premium solution for hydrostatic pressure testing of thermoplastic pipes and fittings, ensuring full compliance with international standards like ISO 1167, ASTM D1598, and ASTM D1599. These hydrostatic test tanks are engineered to simulate internal pressure under controlled thermal conditions, allowing precise evaluation of pipe strength, failure thresholds, and long-term performance.

Designed for both short-term burst pressure tests and long-term pressure endurance tests, TTanks are essential for manufacturers, research labs, and quality assurance departments in the plastics and piping industries.

APPLICATIONS

Hydrostatic Pressure Test Tanks for Thermoplastic Pipes and Fittings

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Key Applications

1. Pressure testing of PVC, HDPE, PPR, and other plastic pipes
2. Certification and R&D for thermoplastic pipe systems
3. Compliance testing for water, gas, and industrial piping
4. Long-term and short-term hydrostatic pressure performance analysis

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Torontech's hydrostatic test tanks are built to offer unmatched reliability, precision, and compliance. Whether you're testing small-diameter fittings or large-diameter plastic pipes, TTanks deliver consistent results under rigorous conditions. Our tanks are trusted worldwide for their safety features, thermal stability, and operational efficiency, making them the ideal choice for any pipe testing environment.

Ensure your products meet international standards with confidence—choose TTanks for your hydrostatic pressure testing needs.

FEATURES

Main Features

- 1. Wide range of tank sizes with customizable inlet connections (1-20), adaptable to different test setups
- 2. Precise temperature control from 15°C to 95°C with $\pm 0.5^{\circ}\text{C}$ accuracy and 0.1°C resolution
- 3. Uniform temperature distribution guaranteed through high-efficiency circulation system
- 4. Outstanding thermal insulation keeps outer lid cool even when internal temperatures reach 95°C, minimizing energy loss by over 70%
- 5. Automatic water filling system stabilizes internal temperature during refills (fluctuation $< 0.2^{\circ}\text{C}$)
- 6. Pneumatically controlled lid opens at adjustable angles (0-90°) with safety mechanisms in place
- 7. Reinforced structural design provides excellent anti-deformation performance and long-term durability
- 8. Sealed thermal lid system prevents heat loss and protects operators from accidental burns

TECHNICAL SPECIFICATIONS

Specification	Details
Temperature Range	15°C to 95°C
Temperature Resolution	0.1°C
Temperature Accuracy	$\pm 0.5^{\circ}\text{C}$
Pressure Inlet Connections	1-20
Pipe Testing Capacity	Up to DN2000mm



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