



TORONTECH

PLASTIC PIPE LEAK TIGHTNESS TESTER - TORONPPLTT™



ISO 4422, ISO 13844, ISO 13259, EN DIN 1277

ToronPPLTT™ Plastic Pipe Leak Tightness Tester is designed to test the leak tightness of elastomeric sealing ring joints in underground thermoplastic non-pressure piping systems.

APPLICATIONS

Plastic Pipe Leak Tightness Tester

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- **Plastic Pipe Manufacturers & Extrusion Plants** - Applied for routine testing of elastomeric sealing ring joints in non-pressure thermoplastic piping systems to ensure compliance with ISO 4422, ISO 13844, ISO 13259, and EN/DIN 1277 standards.
- **Quality Assurance & Certification Agencies** - Used for third-party verification and certification of leak tightness performance for underground piping systems.
- **Water Supply & Irrigation Industry** - Ensures leak-proof joints in PE, PVC, and PP piping networks used for potable water, irrigation, and drainage applications.

- **Sewage & Drainage Infrastructure Projects** - Confirms the integrity of sealing ring joints in underground non-pressure pipes designed for municipal sewage and stormwater systems.
- **Gas Distribution & Utility Providers** - Supports testing of joint tightness in protective piping systems for cables, ducts, and utility conduits.
- **Construction & Civil Engineering Contractors** - Applied for acceptance testing of piping joints before installation and commissioning in large-scale infrastructure projects.
- **Pipeline Maintenance & Failure Analysis Centers** - Facilitates investigation of joint leakage issues by simulating angular deflection and negative pressure conditions in laboratory environments.
- **Universities & Technical Institutes** - Serves as a teaching tool for training students and researchers on leak tightness testing methods, sealing joint performance, and international piping standards.

FEATURES

Plastic Pipe Leak Tightness Tester ToronPPLTT™ Features

1. Industrial LCD screen allows easy input and review of test details, including parameters, results, and test curves.
2. Test data can be quickly transferred to a PC via USB for further analysis and report creation.
3. Hydraulic radial deflection system with a high-precision digital gauge and self-centering feature simplifies operation.
4. Interchangeable support blocks accommodate various pipe fittings.
5. Captures angular deflection in four directions.

6. Specially designed clamping system enables quick and easy sample setup.

TECHNICAL SPECIFICATIONS

Specification	Details
Test Station	1
Pipe Diameter (DN)	(63 to 400) mm or (200 to 710) mm
Pressure Range	0 to (-0.08) MPa
Pressure Display Accuracy	0.001 MPa
Pressure Control Accuracy (MPa)	-0.01±0.002 / -0.03±0.0015 / -0.08±0.002
Max. Angle of Deflection	2.5°
Voltage	220VAC 50Hz 1kW (110V is also available)



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