



## CONCRETE PIPE TESTING MACHINE

Concrete Pipe Testing Machine – ToronCPTM™ 600 is a high-performance concrete pipe testing machine designed for precise and reliable strength assessments. Built for durability and accuracy, it ensures consistent results for quality control and compliance testing.

## APPLICATIONS

- **Concrete Pipe Manufacturing** – Evaluates strength and performance of pipes during production for quality control.
- **Internal Water Pressure Testing** – Confirms pipe resistance to hydraulic pressure in compliance with industry standards.
- **Sewer and Drainage Systems** – Ensures reliability of large-diameter pipes used in municipal infrastructure.
- **Water Supply and Irrigation Projects** – Validates durability of pipes under continuous internal pressure.
- **Transportation and Utility Tunnels** – Tests structural integrity of reinforced concrete pipes used in underground systems.
- **Research and Certification Laboratories** – Provides standardized testing for product approval and compliance verification.

## TECHNICAL SPECIFICATIONS

### INTERNAL WATER PRESSURE TEST PART

|                                  |                |
|----------------------------------|----------------|
| Pressure display mode            | Pressure gauge |
| Division value of pressure gauge | 0.005MPa       |

|                             |                     |
|-----------------------------|---------------------|
| <b>Water injection</b>      | Pump with lift >16m |
| <b>Maximum pressure</b>     | 0.16MPa             |
| <b>Fastening method</b>     | Bolt fastening      |
| <b>Sealing method</b>       | Rubber plate seal   |
| <b>Dimensions</b>           | 2200×2200×3550mm    |
| <b>Weight</b>               | 3900kg              |
| <b>Applicable pipe size</b> | ≤Φ2000mm            |

---

## EXTERNAL COMPRESSIVE STRENGTH TEST PART

|                                 |                                              |
|---------------------------------|----------------------------------------------|
| <b>Load capacity</b>            | 600kN (1000kN can be customized)             |
| <b>Cylinder stroke</b>          | 200mm                                        |
| <b>Force value display mode</b> | Digital display                              |
| <b>Loading method</b>           | Manual pump                                  |
| <b>Test force display mode</b>  | Digital display, peak display                |
| <b>Accuracy</b>                 | ≤±1%                                         |
| <b>Support interval</b>         | Adjustable                                   |
| <b>Lower support beam</b>       | Prepared by user                             |
| <b>Applicable pipe size</b>     | ≤Φ2000mm (Φ2000mm-Φ3000mm can be customized) |
| <b>Dimensions</b>               | 3200×800×3200mm                              |

|               |        |
|---------------|--------|
| <b>Weight</b> | 2100kg |
|---------------|--------|



**Torontech Inc.**

251 Consumers Road, Suite 1200  
Toronto, Ontario, M2J 4R3, Canada 🇨🇦

Phone: +1 416 368 2721 | Fax: +1 416 981 7652  
Email: [info@torontech.com](mailto:info@torontech.com)

**Torontech, LLC**

601 Brickell Key Drive, Suite 700  
Miami, FL 33131, USA 🇺🇸

Toll-Free: 1-866-383-7919  
Email: [sales@torontech.com](mailto:sales@torontech.com)

**Torontech ME FZE**

Meydan Grandstand, 6th Floor,  
Meydan Road, Nad Al Sheba,  
Dubai-261440, UAE 🇦🇪

Phone: +971 488 19252  
Email: [me@torontech.com](mailto:me@torontech.com)

