



ASPHALT CONTENT TESTER - IGNITION OVEN

Asphalt Content Tester - Ignition Oven ToronACT™ T308 is a microcontroller-based system designed for fast and accurate asphalt content analysis using the electric ignition oven method. This cost-effective and environmentally friendly solution ensures precise results while streamlining the testing process.

APPLICATIONS

The ToronACT™ T308 features an internal electronic balance that continuously monitors sample weight throughout combustion, improving efficiency and saving valuable time. The system consists of three key components:

1. A high-performance electric combustion furnace
2. An advanced electronic balance for precise weight measurement
3. A test control and data processing unit with a built-in microcontroller

All data is displayed in real-time on the touchscreen controller. The unit includes a fume assembly chamber above the furnace, where emissions mix with air before being efficiently vented through the flue by an integrated fan.

Standards

1. ASTM D6307-98
2. AASHTO T308-99

Asphalt Content Tester - Ignition Oven

FEATURES

- Provides accurate endpoint detection based on the pre-set calibration factor.
- Features a redesigned furnace structure for rapid heating and shorter test times.
- Modern, streamlined design with precise alignment of the furnace and balance, ensuring the sample is perfectly centered.
- Supports testing of various asphalt mixtures, following ASTM D6307-98 and AASHTO T308-99 standards. A calibration sample is used to establish the system's accuracy, ensuring reliable test results.

Asphalt Content Tester - Ignition Oven

TECHNICAL SPECIFICATIONS

Electrical ratings	380V($\pm$ 10V); amps $\leq$ 20A
Capacity of balance	10kg, division value: 0.1g
Operating temperature of Chamber	Up to 800°C
Sample capacity	Up to 4000g
Recommended weight of sample	1000~1500g
Chamber Dimensions	350x440x330 mm (WxDxH)
Test accuracy of asphalt content	0.1%
Microcontroller Unit	The control panel is conveniently positioned at the front of the equipment, allowing the operator to set test parameters with the push of a button and initiate the process. During testing, real-time data and parameters are displayed on the monitor. Once the test is complete, the system automatically generates a report, which is printed for record-keeping.



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

Torontech, LLC

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

Toll-Free: 1-866-383-7919
Email: 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

