

HWTT-100 Hamburg Wheel-Tracking Tester



Brand: GCTS
Product Code: 388-00
Availability: Call for availability

Description

The GCTS HWTT-100 Hamburg Wheel-Tracking Tester is used to test submerged, compacted Hot Mix or Warm Mix Asphalt specimens as per AASHTO T 324 standard. The device consists of a reciprocating wheel that is rolled over the specimens while measuring the rate of permanent deformation.

A constant load of $705\text{ N} \pm 4.5\text{ N}$ is applied to the specimens with a sinusoidal wheel speed of 1 ft/sec in a constant temperature controlled water bath up to $70^{\circ}\text{C} (\pm 1.0^{\circ}\text{C})$. An LVDT jig is used for continuous measurement of permanent deformation along the path of the rolling wheel.

Features

- Meets AASHTO T 324-04 standard
- Accommodates cylindrical or slab specimens.
- Software for automatic determination of Stripping Inflection Point (SIP), number of passes to SIP, number of passes to failure N_f and other calculated parameters
- Stainless steel construction with temperature controlled water bath up to 70°C
- Available Superpave Gyratory Compactor GRC-20 for specimen compaction