

Product Name :
Hamburg Wheel-Tracking Tester

Product Code :
NLAB-ENGINEERINGLB31012



Description :

Hamburg Wheel-Tracking Tester

Technical Specification :

The Hamburg Wheel-Tracking Tester is used to test submerged, compacted Hot Mix or Warm Mix Asphalt specimens as per 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.

Accommodates cylindrical or slab specimens

Software for automatic determination of Stripping inflection Point Number of passes to SIP, number of passes to failure and other calculated parameters

Stainless steel construction with temperature controlled water bath up to 70°C

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