

HAMBURG WHEEL TRACKER

EN 12697/22/ AASHTO T-324/T-340

ADVANTAGES

- Steel plate casing with hinged glass cover for easy eye level monitoring
- Double wheel design with low-noise rolling wheel units driven by a frequency controlled motor with crankshaft installed
- Testing area is hermetically enclosed so temperature settings are maintained during test
- Heated either with water or with a hot-air blowing system
- Both rolling wheel units can be stopped in a parking position outside the testing area
- Two motorized lifting units are controlled by the integrated Windows based software system are used to sink down the wheels at the beginning of a test and to lift them up afterward.
- The whole process including heating, registration of test temperatures, number of overpasses and tracking depths is software controlled with the possibility of print-out and selectable testing programs
- The user can create and save their own test sequences and programs
- Auto downloadable reports save as JPG or PDF, download to Excel or ASCII file
- Unique slim design accommodates narrow lab spaces

INCLUDES

- Included for the water testing two easily interchangeable stainless steel rolling wheels
- Included for the air testing two easily interchangeable rolling wheels with rubber coating
- Includes two mold spanner sets
- Unit includes an integrated input/output unit with touch screen and keyboard.
- EU/US power converter included

SPECIFICATIONS

Sample dimensions max. 280 x 340 resp. 300 x 300 mm
Sample height 40 - 120 mm
Rolling wheel Ø 203 mm, width 50 mm with 20 mm rubber layer
Rolling section 230 mm
Measuring section 65 - 165 mm
Applied load 1595lb ± (710N)
Range of water temperature 30 - 70° C
Track groove depth 0 - 20 mm x 0.01 mm
Up to: 55-70 passes per minute
Up to: 410,000 passes per test
Each pass gets 8 profile readings!

Unit Dimensions: 100in x 27in x 60in (2500 x 700 x 1500 mm)
Weight: 1500 lbs. (680 kg)
Power Requirements: 400 V, 50/60 Hz, 4 kW



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