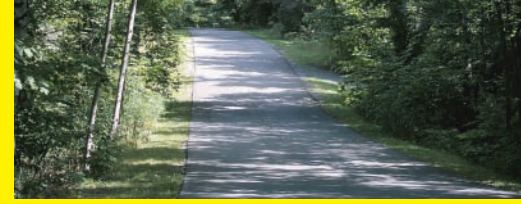


Troxler Overlay Tester



Test for Cracking Susceptibility

Asphalt overlay cracking is a material problem that also correlates with pavement structure, environmental, and traffic conditions. The Troxler Overlay Tester is designed to establish the material behavior of overlays and individual lift samples.

This equipment meets the need for a simple performance test used for mix design as well as for predicting cracking susceptibility and overlay performance in roadway samples.



Overlay Tester

Easy to Use

The Troxler Overlay Tester is a hydraulic driven machine that applies a cyclic load to a specimen cut from a 6" diameter sample. A built-in temperature control system and laptop computer with software preinstalled are included. The required sample plates to prepare three specimens are standard accessories with the equipment. Tests are performed in a temperature controlled environmental chamber large enough to condition samples while performing tests.

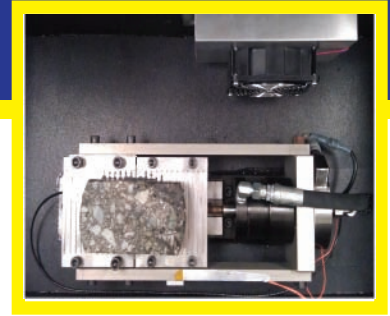


Test Sample



Specifications

More information



- Easy to use Overlay Tester Software includes displacement, load tolerance, load drop percentage, number of cycles, time delay, and more
- Controlled environmental chamber with heating or cooling capabilities between 5°C-40°C
- Displacement testing range of -2mm to 2mm
- No special ventilation requirements
- SAE or Metric measurement values
- Automatic pump shutoff after test completion
- Capable of both load control & displacement control
- Max load output of 5,000 lbs

Technical Specifications

Standard Equipment

- Model 5950 Overlay Tester
- Laptop with pre-loaded software
- Power cord
- Ethernet cable
- Setup plate with straight edge (3)
- Specimen plates (6)
- Manual
- Epoxy

Mechanical

Approx. Size	32 W x 30 D x 44 H in (81.2 W x 76.2 D x 111.7 H cm)
Weight	200 lbs (26 kg)

Electrical

Power Requirements:

Power supply 120 VAC, 50/60 Hz

Serial Port:

Connector 9-pin male RS-232

Baud rate 9600

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