

WIRSAMTEST SYD-4508G Asphalt Ductility Tester

Purpose and scope:

The instrument is designed and made as per “Test Method for Ductility of Asphalt”. It is suitable to determine the length when an asphalt sample is pulled to broken under the required condition at a constant temperature and speed.

Main technical characteristics and performance

1. Adopt the latest design theories in the world, so it is advanced.
2. Without thread rod, rail or other devices in the bath, so it is easy to be installed.
3. Adopt newly driving structure, so the drag process is synchronous and stable. There is no shaking and the dragging speed is even. It can also display ductility accurately.
4. It can measure the ductility of three samples and the dragging forces of two of them.
5. Adopt computer controlling technology, it is with high temperature controlling accuracy.
6. The position of test mold can be fixed automatically. It realizes the remote control of test and it is convenient.
7. It has a large screen LCD, so the temperature, ductility, dragging force and other parameters can be displayed clearly.
8. Equipped with micro-printer, so it can print out test data automatically (Ductility of samples, Average value of them, the maximum dragging force and force changing curve).
9. Equipped with a computer communication port, so it can communicate with a computer.

Main technical specification and parameters

1. Measurement range: 2 m (± 10 mm)
2. Measurement accuracy: ± 1 mm
3. Temperature controlling range: 5 ~ 25 °C adjustable.
4. Temperature controlling accuracy: ± 0.1 °C
5. Pull speed: 10 mm/min, 50 mm/min (as per the standard)
6. Dragging force measurement range: 0 ~ 300 N
7. Dragging force resolution: 0.1 N
8. Type: Integrated or separated structure, it is provided as per the requirement of clients.

