

SYD-0752 Wet wheel abrasion tester



Summary

The instrument is in accordance with the people's Republic of China industry standard JTG E20-2011 Standard Test Methods for Bitumen and Bituminous Mixtures for Highway Engineering in T0752-2011 "Wet wheel abrasion tester of slurry mixture" provisions of the design and manufacture of it. Suitable for compatibility and resistance to water damage inspection after forming slurry seal mixture, can be tested together with the load wheel carrier to determine the best mix of asphalt content.

I. Main technical features

1. The instrument is a floor structure, the design is novel, the structure is stable, and the use is convenient.
2. The structure design of the instrument, test apparatus of the specifications of the size are accord with the requirement of T0752 standard.

II. Main technical specifications

1. Motor speed: 1400rpm;
2. Grinding head rotation speed: 140rpm;
3. Grinding head revolution speed: 61rpm;
4. Grinding head quality: 2.27kg (quality of work);
5. Grinding head rubber tube length L: 127mm;
6. Timing performance: 5 minutes timed;
7. Dimension: 620mm × 500 mm × 780mm (length × width × height);
8. Body weight: 260kg;
9. Working power: AC380V, 50Hz, 380W (three-phase four-wire system, with zero line).

III. Optional accessories

1. Balance: Weighing 6000g, the sense of it not more than 0.1g;
2. Oven: With forced ventilation, temperature can be controlled at $(60 \pm 3) ^\circ\text{C}$;
3. Constant temperature water bath: HWY-1 low-temperature water bath.