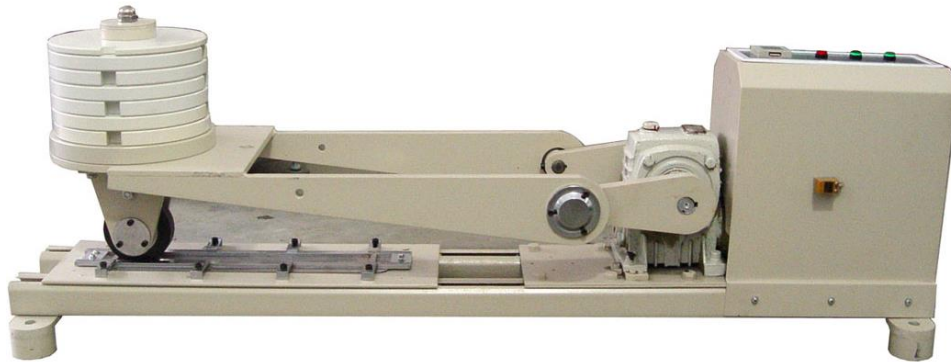


SYD-0755 Load wheel rolling tester



Summary

The instrument is in accordance with People's Republic of China Ministry of Transportation standards JTG E20-2011 Standard Test Methods for Bitumen and Bituminous Mixtures for Highway Engineering in T 0755-2011 "Slurry mixture load wheel sticky sand test" provisions of the design and manufacture of it. Suitable for controlling the upper limit of the amount of asphalt in the slurry mixture, and determining the optimum asphalt content of slurry mixture with wet wheel wear test.

I. Main technical features

1. The instrument is a floor structure, the structure design of the instrument, and test apparatus of the specifications of the size are accord with the requirement of T0755 standard. The design is novel, the structure is stable, and the use is convenient.
2. Mechanical transmission part design with safety protection device to prevent misidentification of the operator, safe and reliable.
3. Rolling frequency set by the operator in advance, when testing instrument automatic counting at work, until the count value is equal to the set point count stop, the instrument stopped working.

II. Main technical specifications

1. Rolling frequency: 44 times / min \pm 1 times / min;
2. The crank radius: 152mm \pm 2mm;
3. Rubber wheel dimensions: diameter 76.5mm \pm 1mm, width of 26.0mm \pm 1.0mm;
4. Rubber wheel hardness: Between HRC60 ~ HRC70;
5. Rubber wheel loading weight: total weight of the car lay flat 56.7kg \pm 0.5 kg;
6. Test mode: There are 6.4mm, 12.7mm thickness of two kinds, according to the need to use the internal dimensions of 50mm \times 380mm;
7. Sand frame: internal dimensions of length 355.0 mm \times width 38.0 mm \times thickness 0.5 mm;
8. Steel plate: dimensions of length 353 mm \times width 36 mm \times height 3 mm;
9. Dimensions: 1400mm \times 260mm \times 450 mm (length \times width \times height);
10. Power Supply: AC380V, 50Hz, 550W (three-phase four-wire system, with zero line).

III. Optional accessories

1. Platform Balance: Weighing 100g, the sense of it not more than 0.5 kg;
2. Balance: Weighing 2000g, the sense of it not more than 1g;
3. Oven: With forced ventilation, a temperature can be controlled at (60 \pm 3) °C.