

SYD-0702A Marshall Electric Compacter



Summary

This instrument is designed and made as per industrial standard T 0702-2011 in JTG E20-2011 Standard Test Methods for Bitumen and Bituminous Mixtures for Highway Engineering.

I. Main technical features

1. Floor type structure. Composed of mechanical drive and control instrument. The mechanical drive is composed of motor, reducer and chain drive.
2. Single chip microcomputer controls the electric circuit. The time's value can be selected from 0 to 999 times at will. It will do compaction according to preset times. It will stop, cut off power and motor automatically.
3. It equips a safe control rod. It will ensure the compaction head not lowering down when the mold being installed or taken out.

II. Main technical specifications

1. Hammer 1: 4536g±9g
2. Hammer 2: 10210g±10g
3. Fall of Hammer: 457mm±1.5mm;
4. Mould 1: Suitable for $\Phi 101.6\text{mm} \times 63.5\text{mm}$
5. Mould 2: Suitable for $\Phi 152.4\text{mm} \times 95.3\text{mm}$
6. Compaction speed: (60 ± 5) times/min
7. Compaction times: $(0 \sim 999)$ times
8. Wooden compaction pedestal: 457mm×200mm×200mm
9. Concrete compaction pedestal: 120mm×460mm×480mm
10. Power supply: AC $(220 \pm 10\%)$ V, 50Hz
11. Motor power: 370W
12. Overall dimension: 1740mm×540mm×540mm
13. Net weight: About 180kg