

SYD-0702 Marshall Electric Compactor



Summary

The instrument is designed and made as per T0702-2011 in the industrial standard of People's Republic of China JTG E20-2011 Standard Test Methods for Bitumen and Bituminous Mixtures for Highway Engineering. The samples of an instrument are suitable to meet the requirements of standard T0709 "Bituminous Mixtures Marshall Stability Test" in JTG E20-2011. It is the specified device for molding samples in the bituminous mixtures Marshall test.

I. Main technical features

- 1.The instrument adopts floor type structure, and it is made of two parts that is mechanical transmission and control box.The mechanical transmission device drive for an electric motor, reduction motor and chain.
- 2.Circuit control adopts single microprocessor control, and it can preset counter. The count value can choose from 0 to 999 readily.The compaction times can be set in advance that automatic compact, automatic stop, automatic cut off the power supply and close electric motor, to ensure that stopped at the convenient hammer lifting loading and unloading position.
- 3.The instrument is suitable to compact $\Phi 101.6\text{mm} \times 63.5\text{mm}$ sample.

II. Main technical specifications

- 1.Weight of the hammer : 4536g+9kg ;
- 2.The drop of heavy hammer : 457mm+1.5mm ;
- 3.Test mode : suitable to $\Phi 101.6\text{mm} \times 63.5\text{mm}$;
- 4.Compaction rate : (60+5)time /min ;
- 5.Compaction times : (0~999)times ;
- 6.Laminated wood compaction seat : 457mm*200mm*200mm ;
- 7.Cement concrete seat : 120mm*460mm*480mm ;
- 8.Power supply : AC 220V+10% ,50Hz ;
- 9.The power of the electric motor : 370w ;
- 10.Dimension : 540mm*540mm*1740mm ;
- 11.Total weight: about 180kg.

III. Optional accessory

- 1.Bituminous mixtures blender : SYD-F02-20 automatic mixture blender (recommend)