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Semi-Automatic Compression Testing Machine ZI 2059

Standards: IS 14858:2000, ASTM C39, BS 1881,
EN 12390-4

Specification:

Capacity: 1000, 2000 & 3000 kN 1000, 2000 &
3000 kN

The Labtest semi-automatic (motorized) range of compression testing machines have been designed for reliable and consistent testing of a wide range of specimens. These compression testers are manufactured as a result of continuous research studies to upgrade the machines with the latest technologies to confirm with the latest standards in terms of its technical properties taking into account the client requirements. These machines also meet the requirements of CE norms with respect to the health and safety of the operator. And their user-friendly design enable an inexperienced operator to perform the test.

Maximum horizontal clearance for placing sample is limited with the border of the platens. Sample must be placed such that its ends will not overflow from the ends of platens and it must be centered perfectly. The suitable vertical clearance for specimen can be adjusted with distance pieces. Operated on 220 V, 50 Hz, Single Phase.



Specifications:

Model		ZI 2059-1	ZI 2059-2
Capacity	kN	2000	3000
Standard		IS 14858:2000	IS 14858:2000

The roughness value for texture of loading and auxiliary platens	μm	< 3.2	< 3.2
Lower platen dimensions (dia.)	mm	300	300
Upper platens dimensions (dia.)	mm	300	300
Maximum vertical clearance between platens	mm	340	340
Piston diameter	mm	234	234
Maximum piston movement	mm	50	50
Horizontal clearance	mm	350	380
Power	W	550	550
Oil capacity	Ltrs.	20	20
Maximum working pressure	Kg/sq. cm	480	600
Dimensions (W x L x H)	mm	740 x 500 x 970	805 x 540 x 1050
Weight	Kg.	700	975