



ZEAL INTERNATIONAL (An ISO 9001 Certified Company)

Head Office: 1, Netaji Subhash Marg Daryaganj, New Delhi - 110002 INDIA

Phone: +91-11-23276114, 23244474, 23250281, 23278846 Fax: +91-11-43580558

Branch Office: 4/20 Kirti Nagar Industrial Area New Delhi - 110015 Phone: +91 11 45380800

Warehouse: 4/26 Kirti Nagar Industrial Area New Delhi - 110015

info@zealinternational.com

sales@zealinternational.com

support@zealinternational.com

quotation@zealinternational.com

Visit us at: www.zealinternational.com

Two Pillar Compression Testing Machine - Hand Operated ZI 2057

Standards:

Specification:

Capacity: 100, 250 & 500 kN (Low Capacity)

Two Pillar Compression Testing Machine is one of the oldest design in the Civil Material Testing Division. Two Pillar are vertically fixed to a sturdy base and at other end is fixed to a cross head. The height of the cross head is adjustable. A 200 mm diameter heavy duty load gauge is supplied with accuracy of $\pm 1\%$. To the lower end of the lead screw is fixed the Upper Platen with a spherical seat for self-alignment. At the center of the base plate is fixed a hydraulic jack with piston lift for 50 mm.

A distance spacer block is also provided to make adjustment of different specimen to be tested. The lower platen is resting on the spacer with a center pin. This machine is state-of-the-art product for testing low strength concrete/cement specimens.



Specifications:

	Unit	ZI-2057-1	ZI-2057-2	ZI-2057-3
Capacity	kN	100	250	500
Ram Diameter	mm	82	82	116
Ram Travel	mm	50	50	50
Pressure Gauge	mm	200	200	200
Least Count	kN	0.5	1.0	2.0
Maximum Pressure	Kg/Sq. cm	200	480	480
Platen Diameter	mm	200	200	200
Horizontal Clearance	mm	210	210	210
Vertical Day Light	mm	310 (adj.)	310 (adj.)	310 (adj.)
Load Frame Height with Lead-screw	mm	850	850	850
Weight of Machine (approx.)	Kg.	120	125	130

Specimen that can be Tested	mm	50 & 70.6	50 & 70.6	50, 70.6 & 100
-----------------------------	----	-----------	-----------	----------------