



**UNIVERSE**

## **PORTABLE HAND OPERATED COMPRESSION TESTING MACHINE AZA1332**

The AZA1332 Portable Hand Operated Compression Testing Machine is a compact, rugged, and economical solution designed for determining the compressive strength of concrete cubes, cement blocks, and similar construction materials in both laboratory and field environments.

Manufactured for reliable operation under demanding site conditions, the AZA1332 conforms to:

- IS 516 – Methods of Tests for Strength of Concrete
- BS 1881 – Testing Concrete Standards

The machine is specially designed for:

- Field quality control testing
- Mobile laboratories
- Construction sites
- Educational institutions
- Remote project locations

Its fully manual hydraulic operation eliminates the need for electrical power, making it ideal for off-site applications where portability, durability, and operational simplicity are essential.





## UNIVERSE TECHNICAL SPECIFICATIONS

Parameter	25 Ton	50 Ton	100 Ton	120 Ton	200 Ton
Capacity	25 Ton	50 Ton	100 Ton	120 Ton	200 Ton
Ram Diameter (mm)	80	120	165	165	234
Ram Travel (mm)	50	50	50	50	50
Pressure Gauge	8"	8"	6"	8"	8"
Least Count (kN)	1 kN	2 kN	5 kN	5 kN	10 kN
Maximum Pressure (kg/cm <sup>2</sup> )	480	480	480	640	480
Platen Diameter (mm)	200	200	220	220	300



## UNIVERSE TECHNICAL SPECIFICATIONS

Parameter	25 Ton	50 Ton	100 Ton	120 Ton	200 Ton
Horizontal Clearance (mm)	210	210	240	240	310
Vertical Day Light (mm)	310	310	310	310	310
Height of Load Frame (mm)	670	670	750	750	890
Approx. Weight (kg)	125	130	240	250	500
Cube Size (mm)	50, 70.6	50, 70.6	100, 150	100, 150	100, 150
Cylinder Size (mm)	100×200 / 150×300	100×200 / 150×300	100×200 / 150×300	100×200 / 150×300	100×200 / 150×300

UNIVERSE