

**Product Name :**  
Digital Display Compression Testing Machine**Product Code :**  
CVEL0002**LAB ENGINEERING****Description :**

Digital Display Compression Testing Machine

**Technical Specification :**

The Digital Compression Testing Machine has been designed to meet the need for a simple, economic and reliable means to test concrete for its compressive strength. The Digital Indicator incorporates a 4-Digits display calibrated in Kilo Newton (KN) and preset to maximum load capacity fitted with micro switches to switch-off the motor when the load approaches the maximum capacity of the gauge, avoiding any over loading. Relays are incorporated so that the motor does not restart on its own after a power breakdown. The electrically operated pumping units are provided with a control knob to adjust the pace rate which can be effectively controlled by an experienced operator during the course of testing, by observing the progress of the Digital Indicator readings.

Capacity (in KN)	1200KN	1500KN	2000KN	3000KN
Digital Indicator (In KN)	1200KN	1500KN	2000KN	3000KN
Least Count (In KN)	1KN	1KN	1KN	1KN
Vertical Daylight (mm)	310 Adj	310 Adj	410 Adj	410 Adj
Horizontal Clearance(mm)	230	260	310	335
Platen Diameter(mm)	220	250	300	300
Ram Diameter (mm)	165	181	234	234
Ram Travel (mm)	50	50	75	75
Motor H.P	1	1	1	2

Motor Voltage	440V, 3Ph, 50Hz	440V, 3Ph, 50Hz	440V, 3Ph, 50Hz	440V, 3Ph, 50Hz
<b>Specimen Size (Can be Tested)</b>				
Cube	100mm, 150mm	100mm, 150mm	100mm 150mm	100mm 150mm
Cylindrical	100mm x 200mm 150mm x 300mm	100mm x 200mm 150mm x 300mm	100mm x 200mm 150mm x 300mm	100mm x 200mm 150mm x 300mm

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