

COMPRESSION TESTING MACHINES. MICROPROCESSOR BASED. WITH GRAPH DISPLAY.



As Per IS 14858 – 2000.

For determination of compression strength of cement by testing concrete cylinders, cubes etc.

- With Microprocessor Based Digital Load Indicator. (AIC-MDLI-D10).
- 0.01 KN Least Count.
- Direct calculated reading in Kg/cm² and N/mm² and also load display in kN.
- Facility to store & print the results with Specimen ID, Surface Area, Weight, Batch ID and Concrete Grade.
- RS232 facility to transfer the data from Indicator to Computer in Excel.
- Four Pillar WELDED / NUT FITTED Loading Unit.
- Piston (Ram) & Cylinders are duly Hard Chromed.
- Platens are hard chromed.
- Separate Pumping Unit with manual arrangement to adjust flow control.
- Suitable to operate on 440 V, Three Phase & 50 Hz.

Note : In case of special requirement, machines can be modified for 230V, Single Phase & 50Hz.

PARTICULAR	AIC-CTMMDG-25T.	AIC-CTMMDG-50T.	AIC-CTMMDG-100T.	AIC-CTMMDG-150T.	AIC-CTMMDG-W200T / AIC-CTMMDG-N200T	AIC-CTMMDG-W300T / AIC-CTMMDG-N300T
CAPACITY	250kN	500kN	1000kN	1500kN	2000kN	3000kN
LEAST COUNT	0.01kN	0.01kN	0.01kN	0.01kN	0.01kN	0.01kN
LOAD FRAME	WELDED	WELDED	WELDED	WELDED	WELDED / NUT FITTED	WELDED / NUT FITTED
RAM DIA	81mm	117mm	165mm	182mm	205mm/235mm	260mm
PLATENS SIZE (Min)	SQUARE 150x150mm	SQUARE 165x165mm	RECTANGLE 250Lx180Wmm	ROUND 230mm Dia	ROUND 250mm/280mm	ROUND 310mm
VERICAL CLEARANCE (Min)	260mm	275mm	310mm	310mm	340mm/375mm	375mm/390mm
HORIZONTAL CLEARANCE (Min)	180mm	180mm	200mm	215mm	260/300mm	340mm

OPTIONAL FITTINGS

AIC-RTP-203SI THERMAL PRINTER.

Useful to take printout of results in advance mode.