

TMA-CTM-2000

Touch Screen Concrete Compression Testing Machine

1. Introduction

- Used in compression strength test for bricks, cement and concrete for max. load and compression strength.
- Applicable in cube concrete specimen with size 100mm, 150mm, 200mm, cylindrical specimen with size Ø150*300mm, Ø100*200mm and prism specimen with 150*150*300mm, 100*100*300mm.
- With compact structure, adopting high precise sensor to measure load, with stable indicating value.
- Screen display test force and loading speed, with functions of peak holding, test results print.
- Suitable machine for labs, contractors and even mobile labs to test concrete cylinders.



Picture for reference

2. Technical Specifications

Mode	TMA-CTM-2000
Max. Load capacity	2000kN
Grade/class	Class 0.5
Measuring range of load	2%-100%F.S
Relative error of indication	≤±1.0%
Max. compression space	350mm, can be customized as required
Size of spherical upper platen	Φ300mm
Size of square lower platen	350×370 mm
Front span between columns	390mm
Side span between columns	370mm
Loading rate	600N/s-60kN/s
Max. piston stroke	50mm
Working voltage	240volts, Single phase, 50 HZ
Machine Power	2.2kW
Dimension of loading machine (W*D*H)	1000*600*1500mm

3. Main Configuration

No.	Content	Details	Qty.
1	Loading frame		1 set
2	Oil source pack	Oil pump, pressure meter, drive system, control box , etc.	1 set
3	Compression platens	Upper platen: Φ300mm Lower platen: 350*370mm	1 set
4	Control system	Touch LCD controller with mini-printer	1 set
5	Protective shield		1set

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