

CT340 - 2000KN AUTOMATIC CUBE AND CYLINDER COMPRESSION MACHINE



2 Channel Automatic Console with digital display and RS232, motorised power pack to ASTM C39, AASHTO T22, UNI 6686 P1+2, NF P18-411, ISO 7500, UNE 88304, EN 12390 P4, BS 1881 P115

Designed to test 100mm, 150mm and 200mm cubes and cylinders up to 320mm long

Fully compliant with BS EN 12390-4 in terms of Force measurement & the stringent stability, alignment & restraint requirements of the Load Frame.

- Compact Welded steel load frame with a high degree of mechanical stability
- Ball-seated upper platen
- Lower platen, positively located on the loading ram, marked to allow centring of both cubes and cylinders
- Loading ram with cover to prevent debris damaging it during testing and a limit switch to prevent it from exceeding the maximum limit of travel
- Frame fitted with mesh guards at front and rear to protect the operator
- Front guard is hinged for ease of access
- Supplied with 300mm diameter upper and lower platens and 200mm diameter distance pieces to allow for testing cubes and cylinders

Automatic Machine

- Set test parameters then automatic mode gives one-touch operation
- Manual override
- Compression range 0 to 2000 kN
- Real time graph display on screen
- Units in mPa or kN
- On-board memory: up to 100 test results

All data-entry and editing functions are available via the keypad and display on the front of the control console.

Motorised power pack

With hydraulic loading allowing fine control, accurate pace regulation and rapid platen approach facility

Operates on 220V 50/60Hz (110V version available)

Specifications (frame only)

Height	920mm
Width	400mm
Depth	440mm
Maximum vertical clearance	375mm
Maximum ram travel	50mm
Distance Pieces supplied	2 x 50mm, 2 x 80mm