

DUAL FRAME COMPRESSION MACHINE - COMPERSSION/TENSION

Dual Range 1000kN Compression / 500kN Tension Machine

CT 100/50

Compression / Tension Machine

- Compression and Tension
- Calibrated in Compression to 1% of indicated load to satisfying EN 12390 or ASTM E4
- Simple Grip fitting for tension testing
- Rubber protected self-aligning upper platens.



The machine are designed to test concrete cube and cylinder and tension test on steel reinforcing bars by replacing with special grips. The machine frame are fitted with rubber protected top ball seated platen with sufficient clearance to test concrete cylinder up to 160mm diameter x 320mm high and supplied with distance pieces up to test 15cm cube sample. The machine is motorized fixed with change over valve to select either Compression or Tension from the Motorized Hydraulic Pump System.

GENERAL SPECIFICATION:

Gauge Capacity	100kN for Compression / 50kN for Tension
Scale Division	2kN per division (Compression) / 1kN per division (Tension)
Frame Dimension (mm)	450 x 650 x 1500 (H)
Max Vertical Clearance (mm)	340
Max Horizontal Clearance (mm)	235
Upper Platen Diameter (mm)	240
Ram Travel (mm)	150
Power	240V, 50Hz, 1 ph
Weight (kg)	400

** The machine supplied without Jaw Grips.

Accessories:

Pair of Grip - Tension Test

CT 100/1	6mm	CT 100/6	16mm
CT 100/2	8mm	CT 100/7	18mm
CT 100/3	10mm	CT 100/8	20mm
CT 100/4	12mm	CT 100/9	22mm
CT 100/5	14mm		