CONCRETE

Fully Automatic Hydraulic Compression Test Machine with Touchscreen



The C.WT series Concrete Compression testing machines are fully automatic machines used to perform Compression tests on cube and cylinder samples of different size.

Frame: Welded type mono block construction, available in different capacities (1000kN, 1500kN 2000kN and 3000kN), low friction single acting piston in the bottom side, comply with EN-12390-4 standard, comes with distance platens (2x50mm,1x70mm) to test different sizes of samples, upper platen spherically seated to allow an inclination of 3°, all transmission surfaces are additionally plane – parallel – treated and fine machined, feasible to test cube and cylinder samples of different size, compression daylight is 336 mm.

Load Measurement: The load measurement and control is carried out between 2% and 100% of the capacity with class 1 or better accuracy due to the accurate load measurement system according to EN-ISO-7500-1 standard.

Hydraulic System: Advanced hydraulic unit with multi piston hydraulic pump driven by electrical motor, smooth and high flow rate, fast piston approach, with manifold and pressure limit valve, oil tank, comes with necessary joints and hose.

Features:

Rigid monoblock construction

Ergonomic design with 600mm working height

Fully Automatic with Real Time Touch screen LCD Graphical Data Acquisition and Control System

Fully Automatic Loading according to sample size

Stops upon test completion and indicates max. load & stress

Connectable to computer and/or thermal printer (optional)

Unit selection available (kN, kgf, lbf)

User-friendly multi points calibration (password protected)

Limit switch installed to prevent piston over-travelling

Equipped with safety front door with safety switch

Technical Specifications

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Product Gallery





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PCO-235



Vibrating Tables for Sample Compaction

PCO-227



Slump Test Set Pro

PCO-201.EP

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