

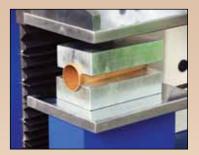
# CONE / CORE COMPRESSION STRENGTH TESTER











**Attachments for Cone / Core Testing** 

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## CONE/CORE COMPRESSION STRENGTH TESTER

The first of its kind in India, to fulfill the basic need of quality control and development for manufacturers and users of Cone/Core. An electronic instrument to measure and directly indicate the Compression Strength of Cone/Core.

### I - Digital Model

Product Code: UCCT-500 or UCCT-2000

#### **Salient Features**

- Direct Digital Read-out of Load
- Electro-mechanical Loading System
- Sophisticated Electronic Controls for precision and easy operation
- Peak-hold facility
- Supplied with attachment for one size of Cone or Core

#### II – Micro Processor-based Model

Product Code: UCCT-500-P or UCCT-2000-P

#### **Additional Features**

- Printer Port facility to generate printed report.
  (80 column Dot Matrix printer to be provided by the user).
- RS 232 Port, with necessary software, to transfer data to computer (computer to be provided by user).

Technical Specifications		
Model	UCCT-500 & UCCT-500-P	UCCT-2000 & UCCT-2000-P
Load Cell Capacity	500 kgf	2000 kgf
Load Cell Sensitivity	± 0.2% Full Scale	± 0.2% Full Scale
Load Indicator Resolution	0.1% F.S.	0.1% F.S.
Load Indicator Accuracy	± 0.4% F.S.	± 0.4% F.S.
Max. Sample Size	75 mm dia X 100 mm Length	200 mm dia X 300 mm Length
Admit between Platen	200 mm	500 mm
Loading Speed	10 ± 2.0 mm per minute	10 ± 2.0 mm per minute
Power Requirement	1 kW Single Phase 220 Volts AC	3 kW Three Phase 415 Volts AC
Dimensions in mm (L x W x H)	550 x 620 x 900 approx.	1000 x 920 x 2100 approx.
Weight in kg	180	650

Specimen of PRINTOUT generated by Micro Processor-based Model

#### **UBIQUE CONE/CORE COMPRESSION** STRENGTH TESTER **TEST REPORT** USER : ABC LTD. : XYZ LTD. OPERATOR: Party : 444444A 6666666 REF A RFF B : 2222225 : 11111121 REF C : 33A3333D GSM : 0190 **TEST TYPE: Compression** LIMITS HI: 255.0 Kg LO: 200.0 Kg SAMPLE DATE TIME **TEST VALUE** REJECT ACCEPT 187.48 Kg 16/09/06 01 04:15:01 PM ---- LO 223.83 Kg 02 16/09/06 04:16:29 PM OK 16/09/06 04:17:20 PM 03 247.04 Kg OK 04 16/09/06 04:17:51 PM 174.69 Kg ---- LO 05 16/09/06 04:18:26 PM 193.62 Kg 16/09/06 236.74 Kg ОК 04:19:23 PM 07 16/09/06 04:19:40 PM 229.90 Kg OK 08 16/09/06 04:20:41 PM 251.27 Kg OK TOTAL SAMPLES 08 VALID SAMPLES (62.5%) 05 **REJECT (HI) SAMPLES** ( 0.0%) 00 **REJECT (LO) SAMPLES** (37.5%) MIN VALUE OF VALID SAMPLES 223.83 Kg MAX VALUE OF VALID SAMPLES 251.27 Kg AVERAGE VALUE OF VALID SAMPLES 237.76 Kg

Specimen of Printout (Values only illustrative)

#### Other Testing Equipments available:

- Bursting Strength Tester Puncture Resistance Tester Caliper Thickness Gauge Cobb Tester Substance Indicator
  Tear Resistance Tester Drop Tester Vibration Tester Tensile Strength Tester Universal Testing Machine
- Box Compression Strength Tester Crush Tester Specimen Maker (Fluter) for CMT Sample Cutter Moisture Tester

Since we are continuously improving and upgrading the equipment, the design and specifications of all models featured here are subject to change without notice.

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