



# CONE / CORE COMPRESSION STRENGTH TESTER



Attachments for Cone / Core Testing

Marketed by:



**SAURASHTRA  
SYSTOPACK PVT. LTD.**

Serviced by:



**SAURASHTRA MARKETING  
CORPORATION**



Manufactured by: **UBIQUE**, Pune

# 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.				
Party	: XYZ LTD.	: 4444444A	OPERATOR	: 66666666	
REF A	: 11111121	REF B	: 2222225	REF C	: 33A3333D
GSM	: 0190	PLY	: 0001		
TEST TYPE : Compression					
LIMITS HI: 255.0 Kg LO: 200.0 Kg					
SAMPLE	DATE	TIME	TEST VALUE	REJECT	ACCEPT
01	16/09/06	04:15:01 PM	187.48 Kg	---- LO	
02	16/09/06	04:16:29 PM	223.83 Kg		OK
03	16/09/06	04:17:20 PM	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	---- LO	
06	16/09/06	04:19:23 PM	236.74 Kg		OK
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	: 05 (62.5%)				
REJECT (HI) SAMPLES	: 00 ( 0.0%)				
REJECT (LO) SAMPLES	: 03 (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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CIN-U33123MH1998PTC113502

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