

## DIGITAL COMPRESSION TEST (PRESS) MACHINE

### DIGITAL READOUT DHR

The DHR 2000 digital readout is a microprocessor control instrument which is fitted as a standard to all the Unit Test Machines. The load is displayed in kN and Mpa which can be enlarged 4 time larger in the LCD display for better clear view.

### DIGITAL SPECIFICATION

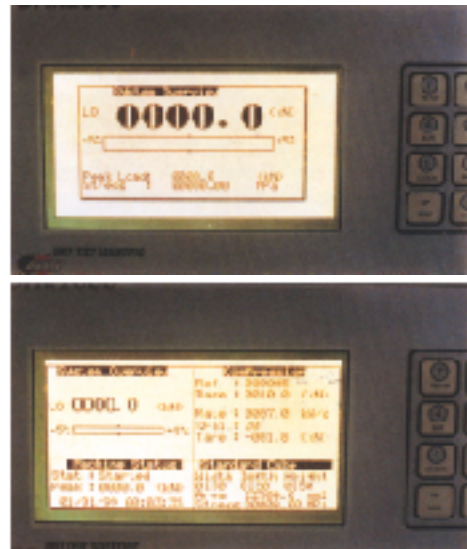
- Dual Range Compression and Flexural Mode  
0-400kN x 0.1kN, 400-2000kN x 1kN for Compression  
0-100kN x 0.01kN for Flexural
- Sample size selectable
- Cube, or Non Standard Cylinder, Non Standard Cube or Beam Block
- Date, time, sample ref., stress (N/mm<sup>2</sup>), test number, sample size, failure load (kN), pace rate can be viewed on the display and also can down load to computer or printer by using RS 232 cable on serial port
- Test result can be stored up to 150 before load to computer or printer
- In kN mode reading, 0.1kN increment up to 400kN  
fuel 1kN increment up to 1500, 2000, 3000, 4000, or 5000kN
- Large 125 x 75mm screen LCD display
- Pace rate selection from 0.1 to 15kN/Second for compression and 0.01 to 15.0kN for flexural
- Calibration through passcode
- Maximum load hold and reset auto calculation
- In N/mm<sup>2</sup> (Mpa)
- Accuracy: Better than +/- 1% over the calibrated range

### AD 150/EL, AD 200/EL DHR Digital Readout Machine

This machines are designed to allow testing of cylinder up to 320mm long x 160mm diameter and cube 150, 100mm square Specimen. The mortar Cube (ASTM C109) 50mm also can be tested by using optional Compression Jig attachment fitted to all the range of Unit Test's Compression Test Machine.

### GENERAL SPECIFICATION

Model:	AD 150/EL	AD 200/EL	AD 300/EL	AD 400/EL	AD 500/EL
Capacity (kN):	1500	2000	3000	4000	5000
Low Sensitivity Range (kN):	0-400 x 0.1	0-400 x 0.1	0-400 x 0.1	0-400 x 0.1	0-600 x 0.1
High Sensitivity Range (kN):	400-1500 x 1	400-2000 x 1	400-3000 x 1	400-4000 x 1	600-5000 x 1
Flexural Range (Optional Frame):	0-100 x 0.01 or 0-50 X 0.01				
Max Ver. Clerance (mm):	320				
Max Horizontal Clerance (mm):	280	310	360	395	430
Ram Travel (mm):	50				
Approx Weight (kg):	500	1000	1700	2500	3400
Overall Dimension with console (mm):	800 x 600 x 1300(H)	800 x 600 x 1300(H)	800 x 600 x 1400(H)	900 x 650 x 1600(H)	900 x 700 x 1700(H)
Power:	240V 50Hz 1ph				



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