

COMPRESSION MACHINES

EN 1 Compression Jig, EN 196-1

This jig is designed for testing of 40 x 40 x 160mm cement prism after breaking in flexure and also can be adapted with 50mm platen to test 2" or 50mm mortar cement cube specimen. This jig can be fitted to all Unit Test Compression Test



EN 2 Flexural Jig, EN 196-1

This Flexural Jig is designed for testing of 40.1 x 40 x 160mm cement prism, the frame are fitted with roller beaters accordance to EN 196-1.

SPECIFICATIONS:

| Strength Measure | Compression and Flexural | | | Compression Only | | |
|--------------------------------|--------------------------|---------------------|------------------|------------------|---------------------|------------------|
| | Automatic | Semi-auto (Digital) | Twin gauge | Automatic | Semi-auto (Digital) | Single gauge |
| Model: | ADS25/10EN | AD25/10EN | UT25/10EN | ADS25/EN | AD25/EN | UT25/EN |
| Capacity (kN): | 250kN/10kN | 250kN/10kN | 250kN/10kN | 250kN | 250kN | 250kN |
| Platen dia (mm): | 160 | 160 | 160 | 160 | 160 | 160 |
| Compression Resolution: | 0.01kN/0.1kN | 0.01kN, 0.1kN | 0.5kN | 0.01kN | 0.01kN | 0.5kN |
| Flexural Resolution: | 0.001kN | 0.001kN | 0.02kN | NIL | NIL | NIL |
| Max Ver. Clearance (mm): | 250 | 250 | 250 | 250 | 250 | 250 |
| Max Horizontal clearance (mm): | 200 | 200 | 200 | 200 | 200 | 200 |
| Compress Ram Travel (mm): | 40 | 40 | 40 | 40 | 40 | 40 |
| Flexural Roller dia (mm) | 10mm | 10mm | 10mm | NIL | NIL | NIL |
| Dimension: | 850 x 450 x 1400 | 850 x 450 x 1400 | 850 x 450 x 1400 | 850 x 450 x 1400 | 850 x 450 x 1400 | 850 x 450 x 1400 |
| App Weight: | 300kg | 300kg | 300kg | 250kg | 250kg | 250kg |
| Power: | 240V, 50Hz, 1pH | 240V, 50Hz, 1pH | 240V, 50Hz, 1pH | 240V, 50Hz, 1pH | 240V, 50Hz, 1pH | 240V, 50Hz, 1pH |

UT 25/10EN

Motorised 250kN Twin Gauge Compression Test (press) Machine c/w 2 nos 300mm dia load gauge 0-250kN x 0.5kN per division and 0-10kN x 0.02kN per division for Flexural Test.

UT 25/EN

Motorised 250kN Compression Test (press) Machine c/w 300mm dia load gauge 0-250kN x 0.5kN per division.

