

## ADR 2000 BS/EN Compression Machine

BS 1881-115, 116, 117, 118 3892-3 187 6717  
EN 772-6, 1338, 1354, 1521, 12390-3, 12390-4, 12390-5, 12504-1  
13161, 13286-41  
AS 1012-9 DIN 51220, 51223

- Tests cylinders up to 320 x 160 mm diameter along with 200, 150 & 100 mm concrete cubes
- Meets BS and EN testing requirements
- 2000kN capacity
- ADR advanced digital readout
- Supplied with self-centring lower platen and safety gates

The ADR 2000 BS/EN Compression machine has been designed to meet the need for reliable consistent testing.

The load frame is a welded steel fabrication carrying the ball-seated upper platen. Positively located on the loading ram, which is protected from debris by a flexible cover, the lower platen is marked for centring of cube and cylinder specimens. Safety gates are fitted with an interlock switch per EC safety requirements.

The dimensions of the frame allow the testing of concrete cylinders up to 320 mm long x 160 mm in diameter and 100 & 150 mm cubes.

The ADR advanced digital readout satisfies BS EN ISO 7500-1, ASTM E4, AS 2193 Grade A and AFNOR P18-411 Grade 1.0 for calibrated accuracy and repeatability.

**When used for cube testing, appropriate distance pieces according to the size of the specimen to be tested are required and must be ordered separately.**

### Specifications

Overall dimensions (l x w x h).	520 x 700 x 1270 mm.
Maximum vertical clearance.	340 mm.
Maximum horizontal clearance.	260 mm.
Upper platen dimensions.	300 mm diameter.
Lower platen dimensions.	220 mm square.
Maximum ram travel.	50 mm.
Measurement units.	kN, lbf or kgf (selectable)
Rated power.	1350 W.
Weight.	821 kg.

### Ordering Information

**36-3276/01** ADR 2000 BS/EN Compression Machine  
For 220-240 V AC, 50Hz 1ph.

**36-3280/01** ADR 2000 BS/EN Compression Machine  
with Platen Handling Assembly  
For 220-240 V AC, 50Hz 1ph.



### Accessories

<b>37-5120</b>	BS/EN Distance Piece, 50 mm.
<b>37-5140</b>	BS/EN Distance Piece, 60 mm.
<b>37-5170</b>	BS/EN Distance Piece, 80 mm.
<b>37-5180</b>	BS/EN Distance Piece, 100 mm.
<b>37-5420</b>	Split Cylinder Platen Assembly. For 300 x 150 mm diam. specimens.
<b>37-5450</b>	Test Pieces Hardboard Strips. For use with Split Cylinder Platen Assembly. Pack of 100.
<b>37-6130</b>	100kN (22,400 lbf) Flexural Beam Testing Frame. Supplied without bearers.
<b>37-6131</b>	BS/EN Specimen Bearer Assembly. Comprising 2 self- aligning upper bearers, 1 self-aligning and 1 fixed lower bearer.
<b>37-6140</b>	100 kN (22,400 lbf) Flexural and Transverse Testing Frame. Supplied without bearers.
<b>37-6360</b>	Upper Bearer and Pair of Self-aligning Lower Steel Bearers. For transverse testing of kerbs and flags to BS-7263.
<b>37-6138</b>	Flexural Frame Fitting Kit.
<b>39-5600</b>	Compression Frame Jig Assembly. For testing mortar cubes.
<b>39-5600/10</b>	40 mm Square Platen Set.
<b>37-4860</b>	Rectangular Platens 445 x 250 x 50 mm thick.

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