

## Dual-frame Compression Machine

### EN Standard Testing Machine

- **2000/250 kN capacity**
- **Meets requirements of BS 3892-3, 187, AS1012-9, DIN 51220, 51223, EN 12390-3, -4, -5, 12504-1, 1354, 1521, 13161, 1338, 772-1, -6, 13286-41 196-1, 459-2.**
- **Options to test concrete and cement specimens**
- **Tests 200, 150, 100, 70.7, 50 and 40 mm cubes and cylinders up to 320 x 160 mm diameter**
- **Calibration accuracy and repeatability conforms to BS EN ISO 7500-1; ASTM E4**
- **Supplied with Windows download software as standard**

Designed to provide comprehensive test facilities, this twin-frame compression machine is controlled by the automatic console. The 2000 kN capacity frame meets the requirements of EN Standards and accepts the range of 'on-board' accessories detailed in Section 37.

As the second outlet control port is connected to the 250 kN load frame, attachment of a flexural frame is not possible. The 250 kN frame is supplied with a compression jig fitted with 40 mm square platens and meets the requirements of EN 196-1.

When selecting the frame to be used for testing the automatic changeover valve incorporated in the system delivers the hydraulic fluid to that frame.

EL36-4145/01 ADR Auto 2000/250 EN Compression Machine

### Specification

Load Frame	250 kN	2000 kN
<i>Overall dimensions (l x w x h)</i>		
Load frame	520 x 500 x 1215 mm	430 x 430 x 1050 mm
Control console	520 x 430 x 1255 mm	520 x 430 x 1255 mm
Max vertical clearance (platens removed)	230 mm	340 mm
Max horizontal clearance	225 mm	355 mm
Upper platen	150 mm dia	300 mm dia
Lower platen	150 mm dia	220 x 220 mm
Maximum ram travel	15 mm	50 mm
Rated power		1600 W
Weight (total)		1460 kg

Microprocessor Control Specification *see page 90*

### Ordering Information

#### EL36-4145/01

#### ADR-Auto 2000/250 kN EN Compression Machine

2000 kN frame complete with distance pieces, digital control console and safety gates. 250 kN frame complete with compression jig assembly and 40 mm platens. For 220 – 240 V AC, 50 Hz, 1ph.

### Accessories

#### 50 mm Square Platens

*see EL39-5600/12*

#### Flexural Frame Jig Assembly

*see EL39-6160*

#### Distance Pieces

*see Section 37*

#### Printer

*see EL37-4859*

