

## ADR-Auto 2000 Standard

AS 1012:Part 9

- **2000 kN (450,000 lbf) capacity**
- **Meets requirements of AS 1012: Part 9**
- **Tests 150 mm (6") and 100 mm (4") cubes and cylinders up to 320 x 160 mm (12" x 6") diameter**
- **Options to test mortar cubes and concrete beams to ASTM C-109 and C-78**

The ADR-Auto range of machines has been developed to satisfy the requirements for consistent high throughput testing of concrete samples.

Incorporating a number of features from the top of the range ELE Auto Test series, these new machines are ideally suited for on-site quality control and production laboratories.

The automatic loading cycle is controlled by the closed-loop microprocessor hydraulic system incorporated in the extended power pack attached to the loading frame.

All control functions and display are built into the hydraulic power pack. The microprocessor software provides a series of self-test routines to check the operation of the system. A serial output port is built into the system enabling test data stored in memory to be downloaded to a PC or suitable printer.

### Specifications

Capacity.	2,000 kN (450,000 lbf).
Vertical clearance.	340 mm maximum.
Horizontal clearance.	260 mm maximum.
Upper platen.	222 mm diam.
Lower platen.	222 mm diam.
Ram travel.	50 mm.
Measurement units.	kN, lbf or kgf (selectable).
Accuracy.	Better than $\pm 1\%$ over calibrated range.
Display.	4 rows x 20 characters LCD.
Maximum load.	Held until reset.
Output.	Serial RS232C.
Rated power.	1600 W.
Overall dimensions.	765 mm w. x 480 mm d. x 1,050 mm h.
Weight.	1,320 lbs. (600 kg).

### Ordering Information

**Note:** Supplied complete with safety guards ready for testing 300 x 150 mm (12" x 6") diameter cylinders. When used for cube testing, distance pieces of the appropriate size must be ordered separately.

#### 36-4120 series

#### ADR-Auto 2000 Standard Compression Machine

**36-4120/02** for 110-120vAC, 60 Hz, 1ph

**36-4120/06** for 220-240vAC, 60 Hz, 1ph

**36-4120/01** for 220-240vAC, 50 Hz, 1ph



### Accessories

- 37-5000** Distance Piece, 50 mm.
- 37-5020** Distance Piece, 60 mm.
- 37-5050** Distance Piece, 80 mm.
- 37-5100** Distance Piece, 100 mm.
- 37-5420** Split Cylinder Platen Assembly. For 300 x 150 mm diam. specimens.
- 37-5450** Test Pieces Hardboard Strips. For use with Split Cylinder Platen Assembly. Pack of 100.
- 37-6130** 100kN (22,400 lbf) Flexural Beam Testing Frame. Supplied without bearers.
- 37-6132** ASTM C-78 Specimens Bearer Assembly. For 3 or 4 point testing of beams. For use on 37-6130.
- 37-6140** 100 kN (22,400 lbf) Flexural and Transverse Testing Frame. Supplied without bearers.
- 37-6340** ASTM C-78 Specimens Bearer Assembly. For 3 or 4 point testing on beams. For use on 37-6140.
- 37-6360** Upper Bearer and Pair of Self-aligning Lower Steel Bearers. For transverse testing of kerbs and flags to BS-7263.
- 37-6138** Flexural Frame Fitting Kit.
- 39-5600** Compression Frame Jig Assembly. For testing mortar cubes.
- 39-5600/11** 2" Square Platen Set. ASTM C-109.
- 39-5600/12** 50 mm Square Platen Set. ASTM C-109.
- 37-4841** Rectangular Platens 445 x 205 x 50 mm thick.

#### ELE International

Chartmoor Road, Chartwell Business Park,  
Leighton Buzzard, Beds, LU7 4WG, England  
Tel: +44 (0) 8707 777 706  
Fax: +44 (0) 8707 777 710  
e-mail: ele@eleint.co.uk  
http://www.ele.com

#### Distributor:

#### ELE International

PO Box 389  
Loveland, CO 80539-0389 U.S.A.  
Tel: +1 (970) 663-9780  
Fax: +1 (970) 663-9781  
e-mail: soiltest@eleusa.com  
http://www.eleusa.com