

## Accelerated Polishing Machine

BS 812-114, 8204, EN 1097-8

- **High safety standards**
- **Sealed long-life bearings**
- **Sealed control panel**

Specimens are manufactured in accurately machined and matched moulds; they are then removed from the moulds and located on the 'Road Wheel'. Abrasives are continuously fed to the road wheel. Water is introduced at a controlled rate via a variable flow meter and self-contained water supply. Used water and abrasives are collected in a large removable tray.

Electrical supply is protected by the thermal cutouts and an emergency stop button.

### Specification

Dimensions (l x w x h)	550 x 630 x 1600 mm (bottle fitted)
Rated power	400 W
Road wheel	315 to 325 rpm
Applied load on specimens	715 to 735 N
Feed rates	Corn emery: 20 to 34 g/min
	Water: 20 to 34 ml/min
	Flour emery: 2 to 4 g/min
	Water: 5 to 8 ml/min

### Ordering Information

**42-5505** series Accelerated Polishing Machine

Complete with 4 moulds and 4 mould plates. Weight 175 kg

**42-5505-01** for 220-240 V, 50 Hz, 1ph

**42-5505/02** for 110-120 V, 60 Hz, 1ph

### Accessories

**42-5520** Corn Emery, ungraded. 3 kg pack.

**42-5525** Flour Emery, ungraded. 6 kg pack.

**42-5530** PSV Sample Preparation, Resin (Stoper Base), 5 kg

**42-5535** PSV Sample Preparation, (Catalyst) Stopper Powder

### Spares

Model number	Description
<b>42-5505/12</b>	Tyred Wheel Assembly, dark
<b>42-5505/20</b>	Tyred Wheel Assembly, light
<b>42-5505/21</b>	Mould Plate
<b>42-5505/22</b>	Specimen Mould



**ELE International**  
Chartmoor Road, Chartwell Business Park,  
Leighton Buzzard, Beds, LU7 4WG, England  
Tel: +44 (0) 1525 249 200  
Fax: +44 (0) 1525 249 249  
e-mail: [ele@eleint.co.uk](mailto: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](mailto:soiltest@eleusa.com)  
<http://www.eleusa.com>