

**Product Name :**

Accelerated Polishing Machine

**Product Code :**

SLE/AG/13



## Description :

Inverter drive to motor for precise speed control.

Digital display preset timer and revolution counter.

Robust welded steel mainframe, standing on adjustable pads.

High ground steel main spindle running in precision sealed ball bearings Science Lab Export additionally protected by a labyrinth seal spindle axially loaded to eliminate end play.

Adjustable 3 phase motor speed control with adjustable timing belt drive, reducing power consumption and improves control.

Science Lab Export Specimens manufactured and easily removed from precision machined moulds.

Water gravity fed from high level tank through calibrated flow meter.

14 Specimens located on 'Road Wheel' by rubber rings and held by simple side fixing.

Used abrasive and water collected in easily removable tray.

Protection by covers and guards may be easily removed for maintenance.

Loaded tyre raised and lowered to the running surface by Science Lab Export mechanical lifting device.

Road Wheel Speed :  $320 \pm 5$  rev min<sup>-1</sup>

Tyred Wheel Set Width mm :  $38 \pm 2$

Electrical Supply : 230v / 110v. 50/60 Hz Single Phase 13 amp

Tyred Wheel Set Diameter mm :  $200 \pm 3$

Tyred Wheel Hardness :  $(69 \pm 3)$  mm IRHD

Applied Load on the Wheel :  $(725 \pm 10)$  Newton

Water Tank Height cm : 155

Palletised Dimensions mm (WxDxH) : 1200 x 800 x 1280

Weight (max) Kg : 210

Dimensions mm (WxDxH) : 810 x 790 x 1230

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