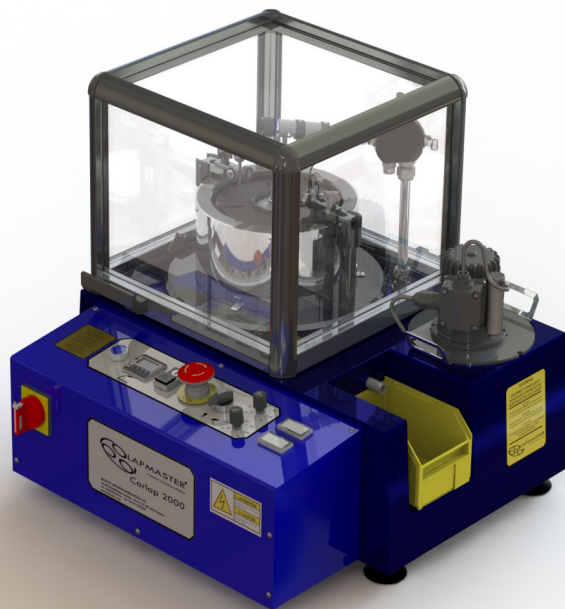


2000

LAPMASTER®

PRECISION DUAL FACE LAPPING / POLISHING MACHINE



The Lapmaster-Wolters model 2000 machine is a small but versatile bench mounted machine ideally suited for small workshops and laboratories.

The Lapmaster Wolters line of dual face lapping/polishing machines are based upon a 2 way planetary concept designed to yield very precise and repeatable results at an economical price. Excellent results have been obtained in the processing of a wide range of materials and components including glass, ceramics, crystals and ferrous materials. Only the Inner and Outer Gears rotate allowing the carriers to move around the surface of the plates, whilst the top and bottom plate stay stationary.

The machine is designed to Lap and Polish components on a 5 carrier format (50mm OD max component size, 10mm thick max) the components are placed in an offset position in the carrier to ensure full coverage of the lapping plate.

The machine structure comprises of a heavy duty steel base which carries the main drive components and the drive motors.

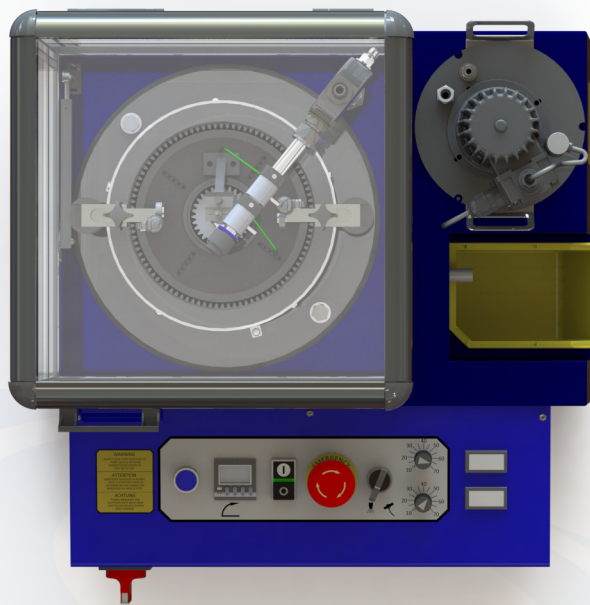
The machine has 2 drive systems, each separately and independently controlled. Each Drive System is mounted in fully sealed ball race bearings to allow the smooth running of the lap plates.

STANDARD FEATURES

- Heavy duty base
- Independent variable speed drives
- Automatic thickness control (optional)
- Operator controls at 24VDC.
- Interlocked guarding.
- Abrasive slurry distribution system with reservoir tank.
- Waste tank
- Outer gear speed 10 - 100 rpm
30W DC drive
- Inner gear speed 10 - 100 rpm
30W DC drive
- CE compliant

STANDARD TOOLING

- One set cast iron lap plates
- One set cast iron conditioning gears
- One set work carriers
- Operation and maintenance manual.



OPTIONAL TOOLING

- Stainless steel backing plates
- Polishing pads

OPTIONAL FEATURES

- Electronic thickness control
- Stainless steel parts for corrosion resistant processing

APPROXIMATE WEIGHT

- 100 kg

SERVICES

- Electrical: Single phase, 50/60Hz

DIMENSIONS

- 570mm (h)
- 670mm (w)
- 690mm (d)

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