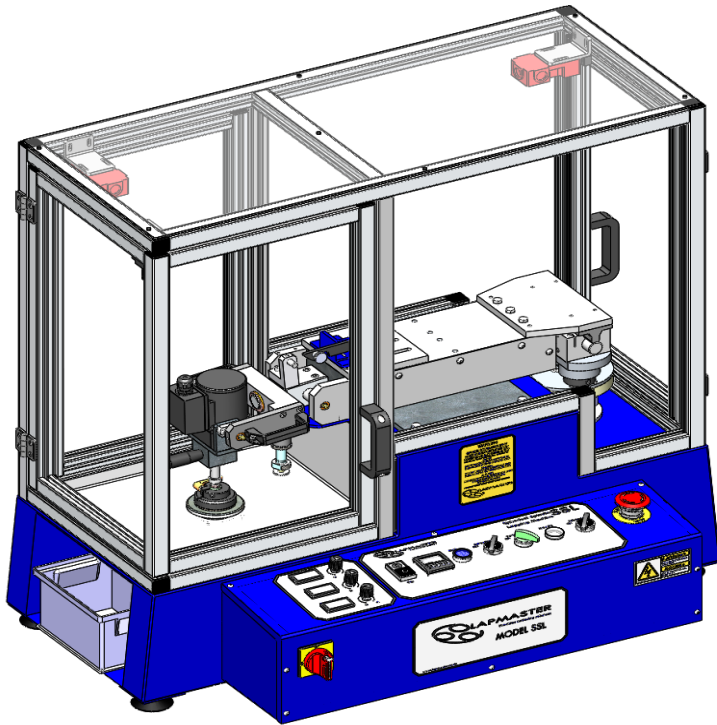


# SSL

# LAPMASTER®

## SPHERICAL LAPPING / POLISHING MACHINE



The Lapmaster-Wolters SSL1 machine is a small but versatile bench mounted machine ideally suited for small workshops and laboratories. It comes fully equipped and ready to use and is suitable for lapping or polishing components up to 2mm to 60mm diameter. In certain circumstances larger components can be accommodated. (consult Lapmaster)

The machine is direct drive and built on a fabricated base to minimize noise and vibration. Machine feet eliminate vibration transfer to and from the floor. This design gives the operator a shorter reach to the plate and easy access underneath for maintenance.

The machine can operate with a free abrasive compound such as Diamond, silicon carbide, alumina or boron

carbide (MSDS information available), suspended in a suitable oil or water based vehicle or a Diamond Compound. The compound is fed onto the lap plate from an optional free-standing system via a series of adjustable flow nozzles or an optional Diamond Dispensing System.

As with all spherical lapping machines, the reciprocation movement is made for lateral adjustment via a cam position, so that the component spherical face contact can be controlled.

The machine is available in two basic electrical and station forms :

1. Single phase 230v @50hz. VSD
2. Single phase 110v @60hz. VSD
3. One, Two, or Three head work stations. (SSL1, SSL2, SSL3)

### STANDARD FEATURES

- Capacity up to 2 - 60mm diameter
- Fixed guarding with safety interlock
- Main drive 0.25kW
- CE compliant.
- Waste tank

### STANDARD TOOLING

- One set of tooling
- Operation and maintenance manual.

### GENERAL MACHINE DATA

- Approx. weight 145kg
- 1070mm (l)
- 705mm (w)
- Single phase 50/ 60Hz

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