KemiSphere II - Bench Top Spherical Lapping Machine

The Kemisphere II is a small single station spherical lapping and polishing machine ideal for either matching 2 spherical forms together or, with appropriate tooling, has the ability to lap and polish spherical forms to better than 5µm roundness with a mirror finish. It's a perfect replacement for jobs currently hand lapped together, and its bench top design makes it a useful addition to any workshop involved in spherical lapping.



Features & Benefits:

- 3 motors with independent variable speed control
- Siemens PLC and HMI
- Pressure application system
- Benchtop machine
- Process parts up to 100mm diameter
- Programmable sweep start and finish point
- Single button process start
- Manual and jog facility for simple machine setting
- CE marked
- Fully guarded with interlocks
- Dimensions: 906 x 1055 x 549mm
- 230V-single phase-50Hz
- Product code: 359316

Kemet Spherical Lapping Machine

The Kemet Spherical Lapping Machine laps and polishes pre-machined spherical balls and cups to a mirror finish with the capability of achieving roundness better than <3 microns.

Features & Benefits:

- 6 motors all with independent variable speed to provide complete control
- Size: 1600 (W) x 820 (D) x 2500 (H) mm
- Lapping and polishing pressures applied pneumatically
- Average process time less than 5 mins
- Simple change from ball to cup polishing action
- Manual and jog facility provided for setting up
- Fully guarded with auto lifting door access
- Comes complete with initial tooling set
- Full manual and training provided
- Low running costs
- Dual process timers
- Single button process start
- Lighting provided
- Smooth and silent running
- CE marked. Electrical supply 230V-single phase-50Hz or 110V-single phase-60Hz
- Air: 3 bar max
- Product code: 360061



Consumables on pages 18 & 21