



OptoTech

SPO 80 CNC

Low-Priced CNC-Controlled Polishing Machine for Optics up to \varnothing 80 mm

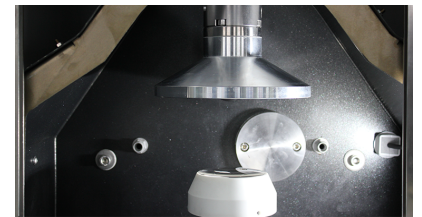
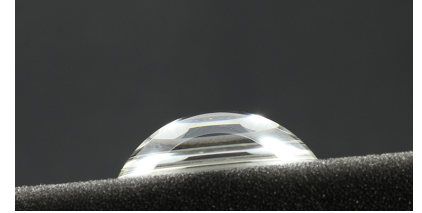


The OptoTech polishing machine SPO 80 CNC is the ideal low cost version of a high speed CNC polisher. The universal working range and the easy usage combined with up to date polishing technology offers a contemporary alternative to our long proven SPO 80. The price-performance-ratio of this machine will elate you.



Technical data

| | SPO 80 CNC |
|---------------------------------------|--|
| Application | Low Cost CNC-Controlled High Speed Polishing Machine |
| Working Range Diameter | 5 mm - 80 mm |
| Working Range Radius | +/- 5 mm to plano |
| Control | Siemens Sinumerik 840 Digital Solution Line |
| Tool Spindle | Speed: 0 - 2000 rpm, infinitely variable; Interface: HD 25 |
| Workpiece Spindle | Speed: 0 - 2000 rpm, infinitely variable; Interface: HD 25 |
| Vacuum | -0.7 bar |
| Air Pressure Requirement | 6 bar |
| Power Requirement (others on request) | 7 kVA / 400 V / 50 Hz |
| Dimensions | Width: 1150 mm, Height: 1920 mm, Depth: 1360 mm |
| Weight (approx.) | 850 Kg |
| Disclaimer | All data are subject to change without notice. Please verify details with OptoTech. |





Highlights

- Low-Priced CNC-controlled polishing machine with oscillation movement of the polishing tool around the lens center
- 2-spindle version (Workpiece Spindle and Tool Spindle)
- Kinematic with CNC controlled swivelling movement in the radii center
- Integrated polishing tool correction technology OCT (OptoTech Correction Technology)
- OptoTech user interface, Microsoft Windows
- Input of all parameters via dialogue menu.

System advantages

- Low-Priced CNC-controlled polishing machine
- Energy-efficient motors: Possible energy savings up to 30% (depending on required power)

Performance characteristics

Standard cycles:

- Polishing in SynchroSpeed mode
- Dressing of polishing tools
- Other Technologies available on request

Options

- Exhaust Filter System for Mist Collection
- Polishing Tank
- Automatic handling for disk magazine and for DIN palette (with NC portal loader)
- Polishing of aspherical surfaces