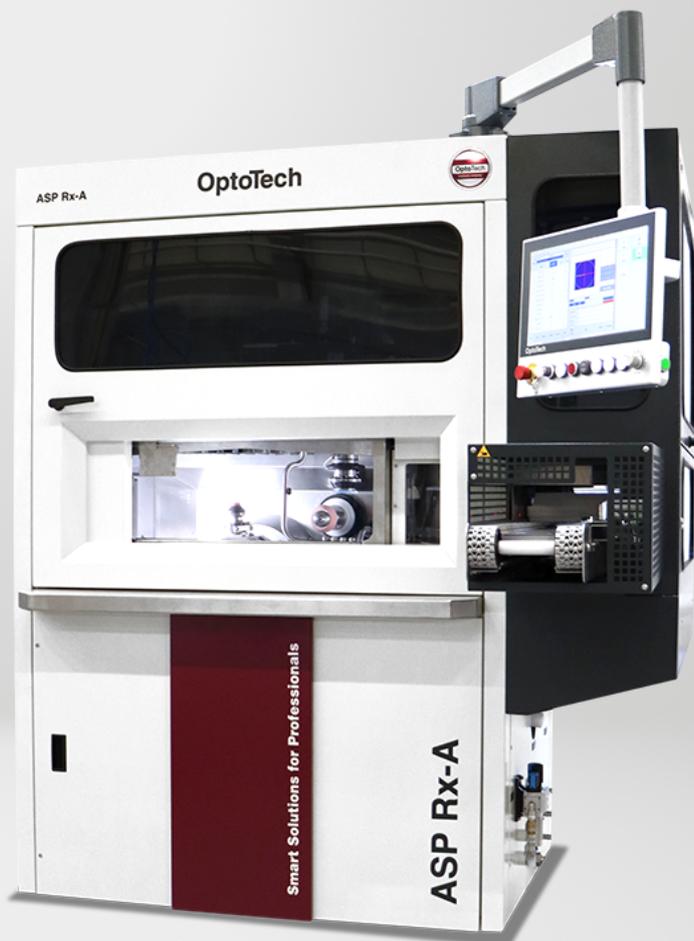# ASP Rx-A

Digital Surfacing-Polisher for Mineral Lenses

The OptoTech Digital-Surfacing-Polisher ASP Rx-A is designed for full automatic high speed polishing of one toric/atoric or backside progressive mineral lens. Round, oval, or lenses of any other shape can be polished.

OptoTech

Technical data

	ASP Rx-A
Application	Digital Polisher for Mineral Lenses
Working Range Diameter (depending on aperture angle)	50 mm - 70 mm
Working Range Radius cc	-11 dpt. for standard tool (depending on tool diameter)
Working Range Radius cx	40 mm - ∞ (Best fit) 11 dpt. - plano
Control	Beckhoff TwinCAT 3 and 15" touch screen
Lens Material	Mineral Glass
Productivity	6 lenses/h
Workpiece Reception	Collet chuck ø43 mm DIN 58766
Air Pressure Requirement	6 bar
Power Requirement (others on request)	4 kW / 400 V / 50 Hz
Dimensions	Width: 1630 mm, Height: 2335 mm, Depth: 2000 mm
Weight (approx.)	1400 Kg
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.

Highlights

- Designed for full automatic high speed polishing of one toric/atoric or backside progressive mineral lens. Round, oval, or lenses of any other shape can be polished.
- Automatic loading unit for fully automatic polishing process
- Integrated Pre-cleaning station
- Interfaces: USB and Ethernet ready
- Optimized handling for uninterrupted polishing and highest throughput
- High process reliability: consistent, reproducible surface quality
- High output for toric and free form surfaces
- Ideal combination with the OptoTech SWARFMASTER pre-cutter and ASM Rx-A generator

Performance characteristics

The machine consists of two machining stations:

1. Pre-polishing station at the right hand side of the machine (Wheel polishing)
2. Fine-polishing station at the left hand side of the machine. 2 different tools possible (Polishing with flexible form tool or FEM-Tool)

Options

- Automatic or manual version with smallest footprint available
- Barcode hand scanner, Remote diagnostic, LAN connection