

MICRO EASY

OPHTHALMIC POLISHING

High Technology 3 Axis
Freeform Polisher



Optical machines
and equipments

The smallest FREEFORM polisher with AAS (Active Adaptive System)

Entry-level FREEFORM polisher with interpolated 3-axis technology. Specially designed for use in the prescription laboratory. Thanks to the particular kinematics, the machine offers reduced processing times and very high cosmetic and geometric qualities of the finished product.



Deformable Adaptive Tool

Technical Data

Dimensions	mm. 500 x 1.130 x 1.700 (WxDxH)
Weight	390 Kg. approx
Noise	72/75 db.
Voltage	400V. 50/60Hz. (standard)
Electric Power	0,6 + 0,5 Installed
Compressed Air	6 bar
Working pressure	from 0.10 to 0.50 bar – adjustable
Consumption	6 Lt. / batch approx
Operating Temperature	C° 0°/45° - humidity 80% no-condensing
Productivity	40 Lenses/h- statistic
Lens / Block	max 92 mm. / 43 mm. standard LOH
Rotation speed	1200 rpm. / variable

COMES S.r.l. reserve the right to make changes to their specification without prior warning



Features

- › Automatic Fast polishing process based on 3 axis CNC machine with deformable tools to grant the perfect maintenance of lens orientation and control of the specific pressure into all surface map, granting a superlative cosmetic fining and geometrical map exceptional maintenance.
- › Long life soft tools in an optimized small range of curves to grant the correct surfacing of the whole standard and progressive RX range: 0 up to 15 pdt concave.
- › Process of each type of organic lenses in each standard RX forms and range (Spherical, Toric, backside CC surface) with soft tools. Elimination of standard hard tool technology and its disadvantages.
- › Friendly and easy interface based on Touch Screen PC with tools management software included (automatic choice of the tool/automatic counter of tools' life).
- › Bar code reader as alternative faster lens data acquisition. Connection available with COMES Laboratory Management Software programs.
- › Real time feedback on operative system kernel of axis position and specific pressure between lens and tool.
- › Isolated working zone to grant the smallest coolant dispersion.
- › Electric transformer

Included Accessory

- › Automatic coolant system placed inside the machine footprint 10 Lt. tank.

