

m i c r o  
**ACTIVA**  
*freeform polishing*

The smallest  
Freeform polisher



# The Smallest FREEFORM polisher

with AAS (Active Adaptive System).

## Features

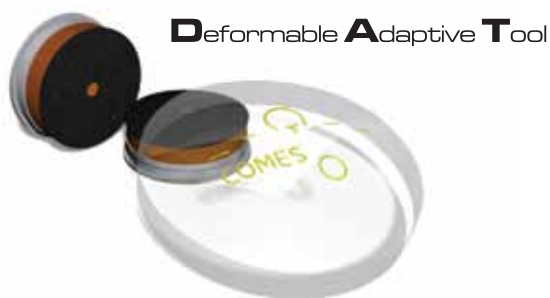
- Automatic Fast polishing process based on 5 axis CNC machine and AAS technology to grant the perfect maintenance of lens orientation and control of the specific pressure into all surface map, granting a superlative cosmetic fining and geometrical map exceptional maintenance.
- Long life soft tools in an optimized small range of curves to grant the correct surfacing of the whole standard and progressive RX range.
- Process of each type of organic lenses in each standard RX forms and range (Spherical, Toric, Progressive and FreeForm lenses backside CC surface) with soft tools. Elimination of standard hard tool technology and its disadvantages.
- Friendly and easy interface based on Touch Screen 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.
- Pneumatic and I/O control based on Mod-bus technology.

## Optionals

- Automatic coolant system placed inside the machine footprint (to save floor space).
- Remote control system via PC by modem connection with COMES.
- Washing shower for lens and working zone cleaning Optional.

## Range of work

- All Organic materials / Lenses Diameter 40 up to 90 mm.
- Spherical / CC forms
- Toric 0-15 Dp. CC forms (Ref. Index 1.523)
- Backside Progressive: addition 0-4.5 Dioptres.
- FreeForms.



## Technical Data

<b>DIMENSIONS</b>	mm. 500 W x 1130 D x 1700 h - Kg.500
<b>NOISE</b>	72/75 db.
<b>ELECTRIC POWER</b>	Kw.1.2
<b>VOLTAGE</b>	standard 400V. - 50/60Hz.
<b>COMPRESSED AIR</b>	6 bar / 1NL cycle
<b>WORKING PRESSURE</b>	from 0.10 to 0.50 bar - adjustable
<b>PRODUCTIVITY</b>	40 Lenses/hour - statistic
<b>ROTATION SPEED</b>	1200 RPM / variable.

