IMPACT
freeformer

a new generation



IMPACT freeformer

for RX prescription laboratory

Features

- 5 working axes (X, Y, Z, B, C)
  Interpolated X and Y axes on special air-slides
  Y axis: special-patented high speed motor
- Integrated automatic loader for prescription box
- Automatic millesimal device for semi-finished and finished lens control
- Automatic millesimal device for lens diameter control
- Diameter reduction and lens pre-shape device
  "elliptic form and programmable forms"
- Controlled programmable bevelling
- High speed feedback on operative system's kernel
- Pneumatic and I/O controls based on CanOpen technology
- Antivibration double structure on natural granite
- Dust exhaust circuit

Control panel - PC system

- Innovatory graphic user interface
- Dedicated software by COMES
- Touch screen video
- Relational data base for lens parameters
- Instruction book on-line
- Graphical spare parts module on-line
- LAN Net connection
- Internal modem
- Serial port RS 232
- Automatic barcode scanner for lens data acquisition

Optionals

- Remote control service
- Dust exhaust provision

Materials

- CR 39
- Polycarbonate
- Plastic high index

Production

Ready to polish

- All ophthalmic forms - FREEFORM



a new generation



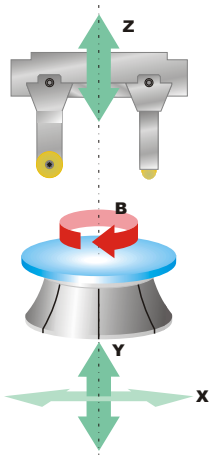




Technical data

DIMENSIONS	mm. 1550 x 1250 x 1900 h / kg. 1200 ca.
NOISE	65/70 db. - (with duster 80 db.)
ELECTRIC POWER	2 Kw. Installed
ELECTRIC CONSUMP.	1.2 Kw./h (in cycle)
COMPRESSED AIR	6 bar
TOOLS	Rough: PCD tool
	Finish: Diamond tool

Axes



X: pos. ± 0.001 mm. - max. speed 500 mm./sec.

Y: pos. ± 0.001 mm. - max. speed 100 mm./sec.

Z: pos. ± 0.001 max. speed 625 mm./sec.

B: pos. ± 0.001 rotation 0 to 6.000 rpm.

C: rotating tool for diameter reduction rotation 0 to 18.000 rpm.

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