MALL IMPACT

RX prescription Generator



MALL IMPACT

for RX prescription laboratory

Features

- 4 working axes (X, Y, B, W)
  Interpolated X and Y axes on special high speed linear motor
  Interpolated B axis (lens) - 5000 rpm.
- Direct drive motor spindle at 18000 rpm.
- Controlled programmable bevelling
- High speed feedback on operative system's kernel
- Pneumatic and I/O controls based on ModBus technology
- Separated antivibration double structure

Control panel - PC system

- Easy graphic user interface
- Dedicated software by COMES Zanzaform 2.00
- Touch screen video
- LAN Net connection
- Internal modem
- Serial port RS 232

Optionals

- Remote control service
- Manual Barcode scanner for lens data acquisition

Productivity

- CR 39: 50 surfaces/h (40 surface/h with diam. reduction)
- Mineral glass: 25 surfaces/h (20 surfaces/h with diam. reduction)
- Polycarbonate
- Plastic high index
- Aluminium and plastic tools

Note: Standard times for RX surfaces up to 4 cyl.

Quality

- Surface: Cut to fining / Polishing (* forms and materials allowed)
- Surface Accuracy: +/- 0.01 mm. with torometer 40 mm. base
- Diameter Accuracy: +/- 0.05 mm.

Working range

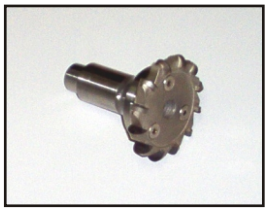
- Convexe surface: plano / - 30 dpt.
- Concave surface: plano / + 30 dpt.
- Work piece diameter: MIN 35 mm. / MAX 100 mm.





Technical data

DIMENSIONS	mm. 950 x 1350 x 1500 h / kg. 620 ca.
NOISE	65/70 db.
ELECTRIC POWER	3.5 Kw. Installed
ELECTRIC CONSUMP.	2.0 Kw./h (medium in cycle)
COMPRESSED AIR	6 bar
TOOLS	Polycrystalline diamond wheel
	Sintered diamond wheel



* Galvanic, Carbide and for Aluminium available on requirement

Axes

X : Position ± 0.001 mm. - max. speed 1000 mm./sec.

Y : Position ± 0.001 mm. - max. speed 1000 mm./sec.

B : Position ± 0.008° - 5000 rpm.

W: Rotation 0 to 18000 rpm.

COMES S.r.l.

Via Veneto, 6 - 20025 Legnano (MI) Italy
tel. + 39 0331 400.036 - fax +39 0331 401.288
www.comes.it - E-mail info@comes.it