



OptoTech

OME 80

OptoTech Mechanical Engraving System



The mechanical engraving system OME 80 is the ideal low cost engraving solution for small LAB's.



Technical Data

	OME 80
Application	Mechanical Engraving System
Lens Diameter	0 mm - 80 mm
Blocking Chucks	DIN 58766 43mm
Engraving Method	Mechanical
Lens Material	All Material
Positioning Accuracy	< 0.05 mm
Positioning Speed	max. 10 mm/s
Productivity	120 lenses/h; Cycle time: approx. 20 seconds per mark
Repeatability	< 0.03 mm
Travel (X, Y, Z)	approx. 90 mm
Air Pressure Requirement	6 bar
Power Requirement (others on request)	0,5 kW / 50/60 Hz
Dimensions	Width: 500 mm, Height: 500 mm, Depth: 550 mm
Weight (approx.)	50 kg
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.



Highlights

- The OME 80 is the ideal compact and low-priced entrance in engraving freeform ophthalmic lenses for small LAB's
- Cycle time: approx. 20 seconds per mark (up to 120 lenses per hour)
- Fully-fledged 3-Axis CNC-controller (X,Y,Z) for freeform engraving
- Free template configuration
- Input of vectorized files (for corporate logos)
- Material depending administration of macros
- Integrated barcode handscanner

System Advantages

- Ideal compact and low-priced entrance in engraving freeform ophthalmic lenses
- Can engrave hard lens materials like mineral glass

Options

- Remote diagnosis
- Spare diamonds
- Milling machine for re-sharpening
- Also available as stand-alone version (OME 80 store)