



OptoTech

# OME 80

OptoTech Mechanical Engraving System

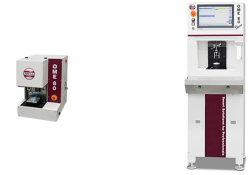


The mechanical engraving system OME 80 is the ideal low cost engraving solution for small LAB's.



## 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)