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OTB 80 CNC-A4

OptoTech 4-Station Auto Blocker

The new auto blocker OTB 80 CNC-A4 is the ideal alloy blocker for high volume laboratories. With 4 blocking stations and an output of up to 240 lenses/h, the OTB 80 CNC-A4 is the fastest alloy blocker in the market.

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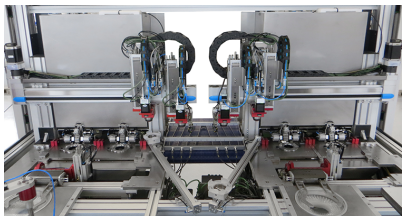
Technical Data



	OTB 80 CNC-A4
Application	CNC-Controlled Auto Blocker with 4 Blocking Stations
Lens Diameter	55 mm - 85 mm
Accessories	Blocking Rings, Blocking Chucks, Measurement Devices, Different Alloy, Chiller, De-Blocking Rings of Various Diameter, Blockpiece Stacker
Axis Position	0° - 180°
Blocking Chucks	V-groove DIN 58766
Blocking Diameter	53 - 68 mm
Blocking Height	7 - 10 mm
Blocking Method	Alloy Blocking
Blocking Type	Prismatic and Plano
Control	PC based controls with CNC
Front Curve	Plano up to 22 dpt.
Lens Material	All Material
Number of Stations	4
Prism Angle	0° - 6°
Productivity	240 lenses/h
Air Pressure Requirement	6 bar
Power Requirement (others on request)	3 kVA / 400 V / 50 / 60 Hz
Dimensions	Width: 2600 mm, Height: 2200 mm, Depth: 1950 mm
Weight (approx.)	1130 kg
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.

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Highlights

- The ideal alloy blocker for big laboratories
- Designed for professional fully automated alloy blocking. It allows an uninterrupted blocking with no downtime
- Blocking chucks and alloy can be easily refilled during operation. This all guarantees a high economy
- It combines the advantage of fully automation with the operational safety of the OTB- blocking stations
- The OTB 80 CNC-A4 is consequently designed for ultimate efficiency, high process consistency and simplified usability
- Four blocking stations will be loaded and unloaded by independent linear handlings and achieve a performance of up to 240 lenses per hour
- These performance numbers are also possible in a mixed block ring operation due to a multi job tray access handling
- The new Pulse Filling Technology ensures optimized blocking at minimized loss of alloy
- A special feature of the OTB 80 CNC-A4 is the Machine Split Technology: The machine is equipped with a movable conveyor for best accessibility and easiest maintenance

System Advantages

- Allows an uninterrupted blocking with no downtime
- Optimized blocking at minimized loss of alloy
- Ultimate efficiency, high process consistency and simplified usability

Valid: 02.07.2026, subject to change without notice

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