



OptoTech

WZM 20 CNC

CNC-Controlled Centering Machine with Exchangeable Spindles for Processing Micro-Optics or Rod Lenses

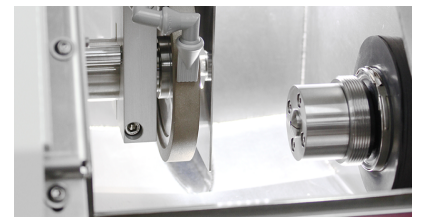
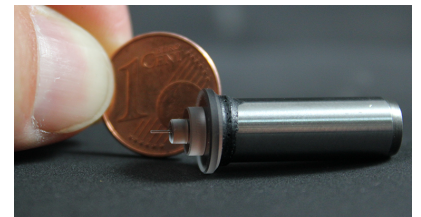


The WZM 20 CNC is a compact and easy to operate centering machine for components mounted onto exchangeable runners. Especially suited for super micro-optics and endoscopes.



Datos técnicos

	WZM 20 CNC
Working Range Diameter	0.5 mm - 20 mm
Clamping Technology	Optics blocked on exchangeable runners
Tool Spindle	Travel: 58 mm; Velocidad de giro: 0 - 4800 rpm, infinitely variable; Accionamiento: AC Servo Drive; Interfaz: Flange (clamping taper Ø20mm)
Workpiece Spindle	Travel: 60.5 mm; Velocidad de giro: 2 - 60 rpm, infinitely variable
Requisitos de presión de aire	6 bar
Requisitos eléctricos (otros bajo pedido)	1.5 kW / 400 V / 50 Hz
Dimensiones	Ancho: 1000 mm, Altura: 1500 mm, Profundidad: 750 mm
Peso (aprox.)	300 kg



Características destacadas

- Exchangeable spindles for processing micro-optics or rod lenses
- Table machine version
- 2 CNC Axes (X, Y)
- The WZM 20 CNC ideally fits to the new OptoTech micro-optics manufacturing concept
- Grinding Process: Diameter of lens with chamfering upper /lower with forming centering wheel, individual feed rates and spindle speed
- Beckhoff TwinCat3 Controller with 15,4" Touchscreen and Microsoft Windows System Software

Ventajas del sistema

- The WZM 20 CNC ideally fits to the new OptoTech micro optics manufacturing concept
- Cost efficient
- Rigid machine base made of granite for highest precision

Opciones

- Automated handling available (SR 20)
- Measuring device for workpiece position recognition
- Various workpiece spindle options available:
 - Spindle with hydro expansion chuck HD12
 - Spindle for precision carrier (PETK)
 - Spindle with collet chuck
 - Individual adaptation on existing concept or solution by OptoTech