

# TOOL MASTER QUADRA

The TOOL MASTER Quadra guarantees: fast, easy and high-precision tool setting & measuring for all production requirements.

The professional and compact solution for higher quality, optimization of production processes and flexibility.

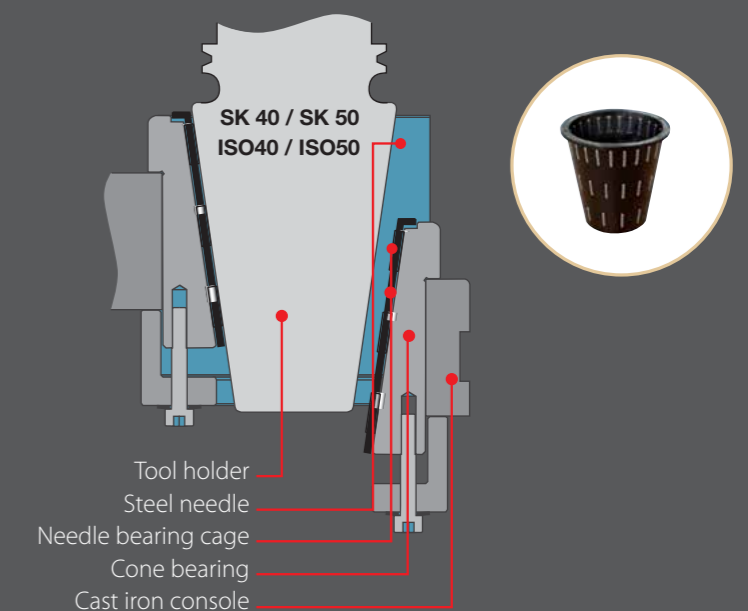
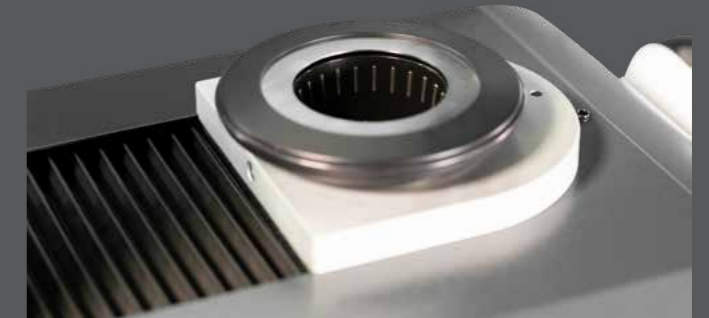


## FEATURES

- Manual control in X | Z and C
- EyeRay® Quadra image processing
- CMOS digital camera with telecentric lens
- All in One PC 22" with touch screen
- Measuring system with glass scales
- Endless manual fine adjustment
- Integrated ISO50 or ISO40 tool spindle
- Pneumatic clamping in X and Z
- Spindle clamping
- Tool inspection in transmitted and reflected light
- Cabinet with integrated tool spindle tray for tools
- Thermal printer incl. 1 roll of labels
- Adapter and tool management
- EyeRay® Interface
- Online Support Interface
- Operator management
- Multi-lingual measuring software EyeRay®
- Highest concentricity & highest measuring repeatability thanks to the EVOSSET high precision spindle needle bearing
- High axial radial runout accuracy needle bearing from  $< 2\mu$ ; vacuum spindle KV from  $< 2\mu$
- Plug-in connector with adapter EU/CH
- Operating system Windows 10
- Electrical voltage 230 Volt

## OPTIONAL

- Measuring field shift in X and Z axis
- Pneumatic selective clamping in X and Z
- Data transfer through post-processor, RFID data carrier (Balluff), QR code, customer's specialized solutions
- Two-camera systems
- Indexing device for turning tools
- Vacuum clamping with pneumatic Spindle brake



## MEASUREMENT RANGE

X=400 Z=400	X=600 Z=400
X=400 Z=600	X=600 Z=600

On request: measuring ranges up to Z=760 mm