

TOOL MASTER CNC | NC

FULL AND SEMI-AUTOMATIC MEASUREMENT

With the TOOL MASTER CNC | NC, tools can be measured at the touch of a button.

This makes the measurement results accurate, visual and the measuring process fast and efficient.

Absolute precision with simple operation.

With brand-name components and our EyeRay® CNC image processing system, we guarantee you highest process reliability and quality.



FEATURES

- CNC control in X | Z and C axes
(Also available with motorized C axis)
- EVOSET high-precision spindle
(power clamping) Quick clamping system PSE
- Joystick for X | Z | C axes with a button for individual
axis operation
- EyeRay® CNC image processing
- Digital camera with telecentric lens
- All in One PC 22" with touch screen
- Measuring system with glass scales
- Automatic calibration
- Endless motorized fine adjustment
- Tool inspection in transmitted and reflected light
- Base with adapter tray for tools
- Thermal printer incl. 1 roll of labels
- Safety E-Stop
- Adapter and tool management
- EyeRay® Interface
- Online support interface
- Operator management
- Multi-lingual measuring software EyeRay®
- Connector with adapter EU/CH
- Operating system Windows 10
- Electrical voltage 230 Volt

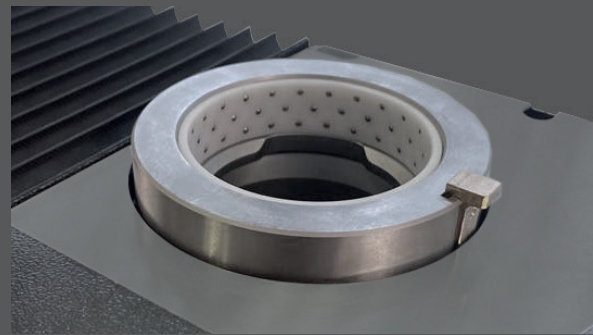
MEASUREMENT RANGE

X=400 Z=365	X=600 Z=365
X=400 Z=565	X=600 Z=565
X=400 Z=665	X=600 Z=665

On request: measuring ranges up to Z=760 mm

OPTIONAL

- Data transfer through post-processor, RFID data
carrier (Balluff), QR code, customer's specialized
solutions



SPINDLE POWER CLAMPING PSE

- Quick clamping system PSE with pull-in force:
HSK=3 kN / SK=1.2 kN
- Quick adapter change in maximum 5 seconds
- Highest concentricity & Measurement repeatability;
better than 2 µm
- Integrated calibration edge for exact and fast
determination of the spindle zero point
- Motorized spindle brake for locking of the spindle
in the desired position over the entire 360°

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