

TOOL MASTER

5



With TOOL MASTER 5, you can measure tools with the highest demands. We guarantee proven highly accurate measurement results and highly efficient measuring process.

FEATURES

- Joystick & Touch control in X | Z axes
- EyeRay® TM5 image processing
- CMOS digital camera with telecentric lens
- All in One PC 22" with touch screen
- Measuring system with glass scales
- Endless automatic fine adjustment
- Integrated ISO50 or ISO40 tool spindle
- Spindle clamping
- Tool inspection in transmitted and reflected light
- 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 EVOSET high precision spindle needle bearing
- High axial radial runout accuracy needle bearing from < 2µ
- Plug-in connector with adapter EU/CH
- Operating system Windows 10
- Electrical voltage 230 Volt

OPTIONAL

- Data transfer through post-processor, RFID data carrier, customer's specialized solutions
- Cabinet
- Indexing equipment for turning tools
- Vacuum clamping with pneumatic spindle brake

MEASUREMENT RANGE

X=400/600/1000 Z=600/900

SOFTWARE

With EyeRay® you are ahead worldwide

The EYERAY® software is reliable, easy to operate, modular and expandable – a world leader.

EyeRay® with its collection of software modules is a comprehensive and professional application for tool presetting, measurement and evaluation.

All PWB TOOL MASTER devices are equipped with

EyeRay® for simple and complex measuring tasks and guarantees a solution for every requirement.

- Easy to operate with only six basic icons
- Self-explanatory functional keys
- Expandable and upgradeable for any special measurement functions and requirements
- Quick measurements thanks to favorite shortcuts
- Fully automated operation
- Connection interfaces to all possible machine controls and manufacturing processes
- Guaranteed process reliability
- Consistently precise measurement results



DATA TRANSFER

Basis for conventional or modern manufacturing - optimized production processes from tool management, CAD/CAM to setting, measuring and shrinking of tools.

EVOSET offers a range of interfaces to CAM systems as well as to all various machine controls. The data transfer and communication between

the various systems is simple, secure and quick.

In modern manufacturing, the tool data is the basis of all production processes- from the CAD/CAM system through setting and measuring to the production of the workpiece.



DATA TRANSFER POSSIBILITIES

- Post-processor
- RFID data carrier (Balluff)
- QR CODE with scanning
- Data Matrix code
- USB stick or serial interface
- Label printing
- Customized connections