



PC-based presetter software

PresetCheck is a tool presetter software for Windows XP/2000/NT. It can be flexibly integrated to various manual presetter devices. It has a database of tools, adapters and machine tools used in the system. It fully replaces original electronics of a presetter, connecting directly to the scales.

Connectivity:

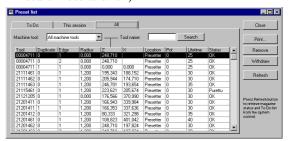
- PresetCheck connects to linear scales of presetter with Heidenhain IK220 card. This highly accurate card supports scales giving sine-cosine signal and trigger signal from cross-hair projector. Thus PresetCheck can be connected to all presetter devices having Heidenhain scales and to great variety of scales from other manufacturers as well (Acu-Rite, RSF Elektronik).
- PresetCheck can be integrated to Fastems FMS systems (http://www.fastems.com).
- PresetCheck uses natively Access '97 database via ADO interface. According customer demand, other database types can be used (Oracle, SQL server).

Measurement features:

- Continuous and trigged measurement
- Measurement parameters are selected according tool (diameter/radius, tolerance, nose radius compensation) and machine tool (adapter length)
- Tools are identified by T-code, duplicate number and edge number
- Measurement of both x- and z-value or only zvalue according tool type
- Shows graphical symbol of tool type
- Shows drawing of tool
- Tolerance check in saving of measurement
- Locking of current measurement values

Measurement database:

- Keeps list of tools measured during session
- List of all measured tools
- Search of tools
- Print out of measured tools (current session, search results or all)



General features:

- Print labels for each measured tool
- Print out of tool basic data
- Definition of adapters for each machine tool
- Tools can be associated to one or more machine tools
- Calibration of presetter with tolerance check
- Controls calibration interval of presetter
- Linear scaling factors can be used to correct positioning errors of presetter
- Multi-lingual user interface
- On-line help

