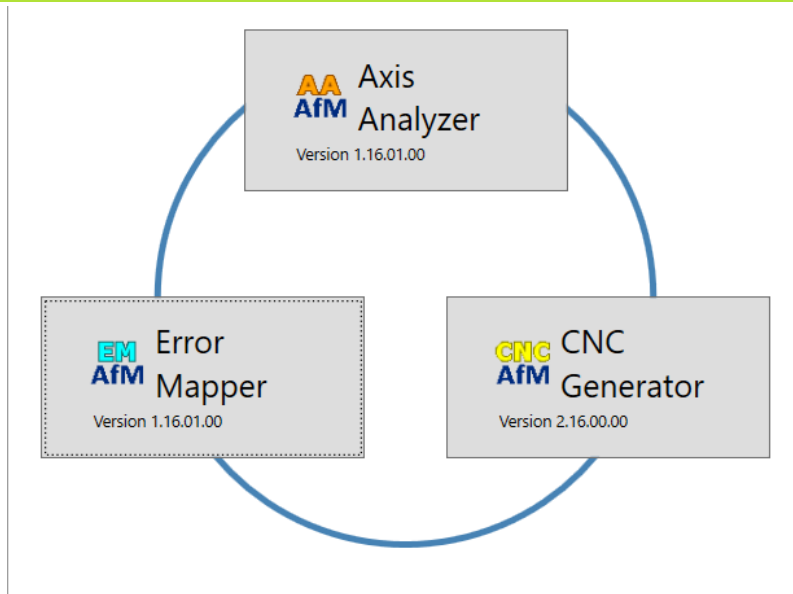


AfM AxisCalibration

The software package for an easy and quick laser measurement

One measurement software for all measuring systems



Target

Our customers are machine manufacturers, retrofit providers and users of machine tools, CMM's and laser measuring systems.

Innovation

The software package **AfM AxisCalibration** is composed of 3 components. **AfM AxisCalibration** is a comfortable tool to measure a machine in an easy and quick way with your existing laser measuring system and to create an error map for all major controls.

Function

With the module **Axis Analyzer** defines and executes in a few easy steps a suitable measuring task. With this an evaluation can be created for all valid norms. It is possible to execute the measurement on both CNC-machines and hand-operated measuring machines.

Regarding the defined measuring task the **CNC Generator** is able to generate a suitable and fully executable CNC-program for all major controls.

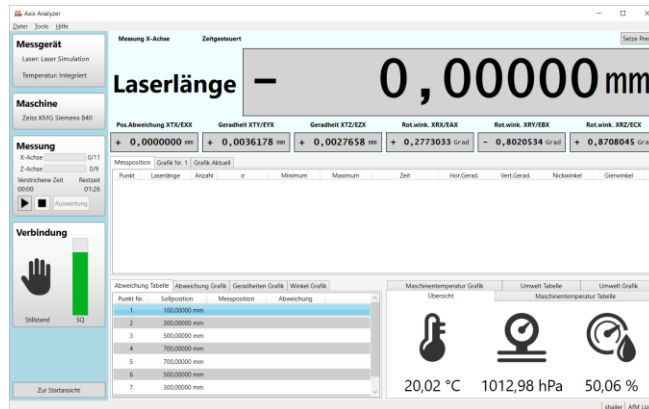
On the basis of the measurement the **Error Mapper** creates an error map for all major formats. The **Error Mapper** also enables you to make a pre-post comparison of the measured deviations.

SIEMENS Solution Partner Automation SIEMENS	840D SL
HEIDENHAIN	iTNC 530 / iTNC 640
FIDIA	C10 / C20 / CXR
Rexroth Bosch Group	IndraMotion MTX
FAGOR	30i / 31i
FANUC	8070 / 8065
MAZAK	Matrix 2

Software modules:

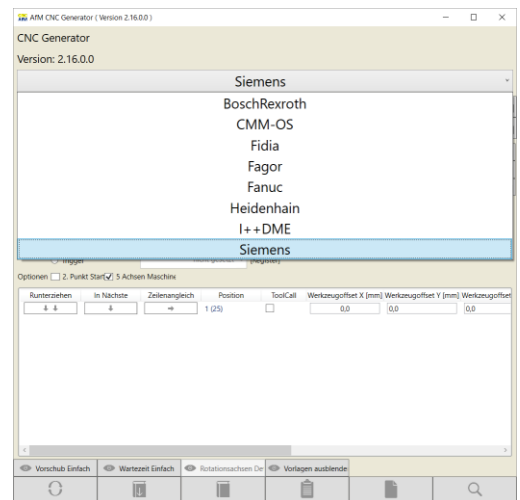
Axis Analyzer:

- Definition of a measuring task
- Execution of a measurement
- Evaluation of a measurement



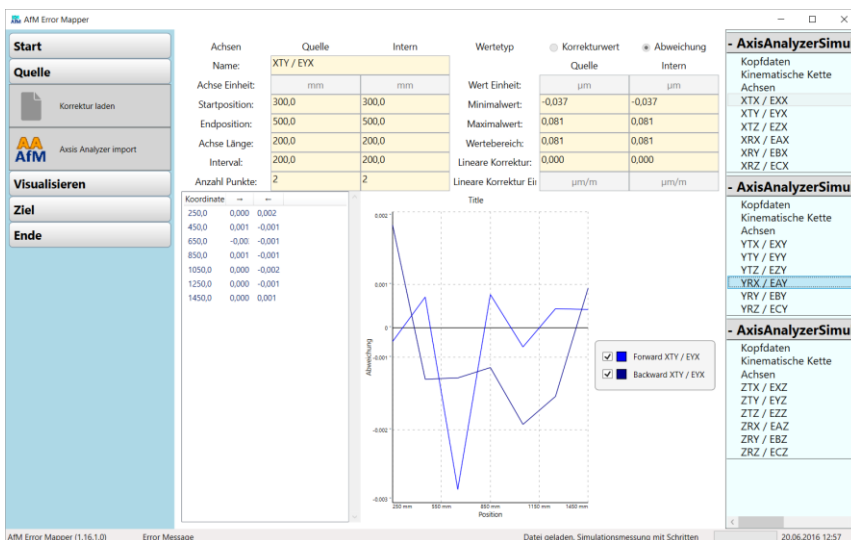
CNC Generator:

- Creation of CNC-programs for the measurement
- Support for several CNC-controls
- Support for the CMM interface I++DME and CMM-OS
- Executable to individual needs or integrated in Axis Analyzer



Error Mapper:

- Support of the major CNC-controls
- Calculation of a control specific error map
- Visualization of the improvement by a pre-post comparison



AfM
Accuracy for Machines

AfM Technology GmbH
Gartenstraße 133
73430 Aalen
Germany

Fon +49 (0) 73 61 88 96 08-0
Fax +49 (0) 73 61 88 96 08-99

www.afm-tec.de
info@afm-tec.de