



Angle 90° and straightness measuring device

For simple and rapide measurement of straightness and angle 90°, with low measurement uncertainty, in one operation, on vertical precision surfaces on any workpiece, e.g. 90° square, stop/surface and hair normal, general test machines.

Construction

The vertical guide column is made of black natural granite. Measuring slides with pre-clamped air bearings. The air bearing system is mounted on the bottom side. The measuring path is, vertical 500 mm.

Accuray movement of the measuring slides 0,002 mm. Without measurement value recorder. The measuring machine can be adapted by the user with suitable equipment for specific conditions.

Design 'Calibration Laboratory'

Accuracy movement of the the measuring slides 0,001 mm. With HEIDENHAIN measuring probe METRO MT12 and counter-card. RUN-Software.

Software

RUN-Software for collation and computation of measurement results according to DIN/ISO 1101 and DIN 875. Numerical and graphical protocols and databank. Free design of protocol sheets. Definition of own types of workpieces possible.

Options

- › Measuring path, vertical 1.000 mm.
- › Mechanic and probe for inner angle measurement.
- › Unit for supply of compressed air, with moisture extraction.
- › Precision indicator or electronic measurement value recorder.
- › Adjustable workpiece stop.
- › Personal-Computer and printer.
- › JFA 90° angle, triangular, size 500*300*60 mm, for calibration.
- › JFA measuring table , as reliable base for the measurements.