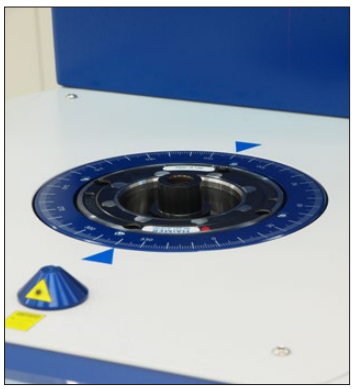
ZOLLER Tool Presetter and Measuring Machines

»toolBalancer«

Modern HSC machines operate at high rotational speeds and therefore require precision-balanced tools on the machine in order to ensure a consistently high product quality. The ZOLLER »toolBalancer« gives you this – quickly, easily, with absolute precision, and individually, depending on the tool type and measuring method used.

ZOLLER »toolBalancer comfort«



High-precision adapter fixture system with automatic clamping for all current tool holder types, like e.g. SK, HSK, VDI and others

Laser marking for quick help and exact reading of values

The ZOLLER »toolBalancer« is the high-precision balancing system for tool holding fixtures, grinding wheels and rotors. Thanks to its modular design it can be individually adapted to meet your requirements and is in line with future developments. Simply choose the model which best meets your current needs: The ZOLLER »toolBalancer economic«* for static balancing on one plane for all short tool holding fixtures. The ZOLLER »toolBalancer economic plus« for balancing longer and asymmetrical tool on two planes and finally the ZOLLER toolBalancer comfort« or »toolBalancer TD800« with its special PC control with balancing software, keyboard and monitor for frequent and particularly fast balancing, all depending on your specific requirements.

Measuring method:
- Easy measurement of concentricity
- Precise detection of spindle compensation or zeroing
- Quick inverted measurement

Process:
- Clamp tool holding fixture and start measuring
- Detect concentricity and print a log
- For results that are outside tolerance the system proposes the following method for unbalance compensation:
  - drilling ■ milling ■ additional mass
  - balancing rings
  - fixed components

Your benefit:
- Improved workpiece surfaces and longer service life of your machine spindles thanks to the highest levels of measuring accuracy and repeatability
- Quick balancing thanks to the monitor function which shows you precisely where further machining is required while recommending the necessary method for compensating the unbalance

Note:
For further technical details regarding the different models read the article texts given in the machine quotation

* also available as desktop-version

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expect great measures