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**EASY Line**

Simple, fast  
and effective



Manual measurement is up to date!

## Hand-guided measurement with EASY Line – Efficiency and effectiveness in single part measurements

Is „manual“ still up to date? This is a question asked by many companies and users of metrology. As a matter of fact: Especially for single parts and prototypes, hand-guided measurement still guarantees a particularly fast execution and a high degree of flexibility. In addition to that the meaningfulness of results is significantly increased as hand-guided measurements are done more consciously.

With the help of new digital opportunities, the previous disadvantages of manual measuring machines, e. g. in the area of reporting, are no longer an issue! On the contrary, the added value of tradition and innovation is a clear benefit. Our new iPad application EASY Line combines mobile visualisation and very comfortable handling of data.



## Added value thanks to digital integration

- With the iPad application EASY Line, wireless visualisation is fully mobile and always available wherever the user needs it.
- EASY Line can clearly illustrate the setup of the machine and the execution of the measurements. Measurement knowledge can thus be preserved and shared within the team.
- EASY Line records the measuring parameters and results in a comprehensive and clear form.
- EASY Line handles the complete compensation and internal calculations. The settings can be easily stored via project management and activated at any time. The pocket calculator has finally had its day!
- EASY Line's one-touch function allows the user to switch between accessible measuring machines at any time. This has advantages, for example with duplex machines, since duplex measurements can be carried out much more easily compared to the previous system of separate measuring counters.

## EASY Line – available wherever you need it

The measurement readout has never been so close to the operator! The iPad is wirelessly connected to the coordinate measuring machine via Bluetooth. This enables the user to work directly on the workpiece, even at machines with long Y-arms or duplex columns. This is regardless of whether a measuring, marking or scanning task is performed. It makes no difference whether the measurement tasks are performed in mold making, casting, design studios or in other applications with high product individualisation.



A smart digital solution makes things easier and reduces complexity. This is the promise of EASY Line. Clear, large 3-axis readout, intelligent re-calculations in the background, visual presentation of projects and measurement setup plus fast switchover between machines, projects and results.

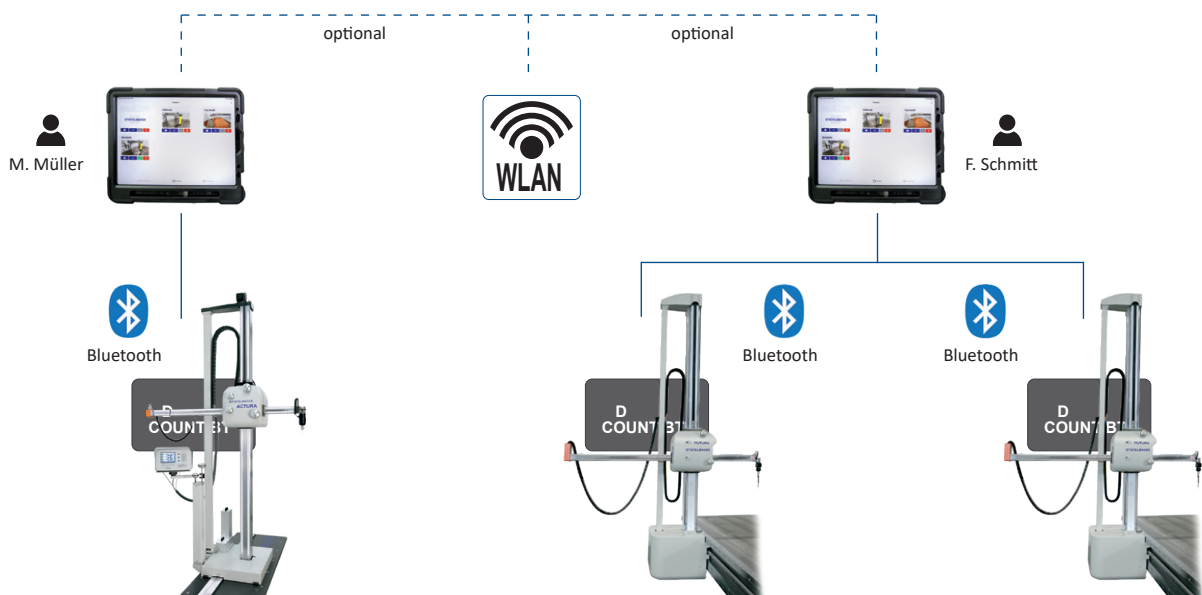
## Acquiring intuitive measurement expertise

For all types of measurement, the experienced handling of the machine and its software are crucial for successful measurements. EASY line provides the means to record and share this expertise. Thanks to an intuitive project management, all data can be clearly documented. Newcomers in metrology thus benefit from the existing know how and can use the measuring machine in an optimal way.

## EASY Line – for new and for existing machines

Many existing manual measuring machines can be upgraded to EASY Line after a simple retrofit. The wireless 3-axis display, the project management and also the future addition of Augmented Reality modules are possible in most cases, for Stiefelmayer CMMs and many other brands. Be it a horizontal or a gantry machine, be it hand-guided, manual or CNC-manual – in most cases an upgrade to EASY Line makes sense! Please contact us for more information!

|                                | MZ 2000  | EASY Line   |
|--------------------------------|--|---|
| Connection to several machines | No<br>MZ 2000 is directly mounted to each machine                                | Yes<br>The iPad application can connect all machines within Bluetooth range   |
| Linear and tilt compensation   | Yes  | Yes   |
| RS-232 interface               | 1  | 2<br>This allows a direct switch between EASY Line and a PC inspection software   |
| Format data output             | MZ 1060  | MZ 1060, WPZ55<br>Thus the machine can be connected to the most common inspection software solutions  |
| Bluetooth communication        | No<br>Only connection with serial cable possible                                 | Yes<br>All machines within Bluetooth range can be connected wirelessly. Alternatively the solution can be used purely offline                         |
| Full MZ 2000 functionality     | Yes<br>Clear 3-axis read-out with focus on essentials                            | Yes<br>Clear 3-axis display with extended functionality and graphic display   |
| Calculation of extensions      | No   | Yes<br>Full automatic calculation in X+, X-, Z+, Z- and Y+  |
| Visualisation at the workpiece | Limited<br>Static display mounted fixed. Mostly swiveling in angle               | Flexible positioning<br>iPad can be put down on a stand or carried along by hand strap  |
| Saving of projects             | 12<br>Saving and loading of set-up parameters                                    | Flexible<br>An infinite number of setup values and descriptions, pictures, remarks etc. can be stored   |
| Update with additional modules | No<br>No update options or only as individual solutions at at considerable costs | Further modules possible<br>Modules in the area of Augmented Reality, reporting, machine file etc. are available. Individual adaptations are possible |



Solution purely offline by standard. WLAN in intranet only possible as an option if required. Devices not equipped with LTE modules.





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