

Digital contour measuring instrument Novometer



Based on the conventional Series Novometer, the digital design of this reliable measuring instrument offers the following additional possibilities:

- Accuracy 0,01 instead of 0,1 mm previously
- Recording of the measuring values through interface RS 485 or RS 232 also for SPC systems
- By using longer tapes, it is possible to adapt the measuring range according to the individual measuring situation

As measuring recorder, a digital shaft encoder is used. This shaft encoder is provided with 2048 dividing lines, that amount, with the help of the counter, to 8192 increments all in all.

In order to increase the measuring certainty, a sliding clutch, that limits the measuring force, is available optionally.

The first calibration of the measuring instrument is done by two setting rings, with the help of which the theoretical take-off diameter is tested and corrected by entering a multiplicator.

The digital indicating unit can be configured either for the diameter or for the inside circumference. This can be done at any time by the user himself.

For the calibration, the tape has to be completely rolled up on the hasp. The value that corresponds to this diameter has to be determined previously through a comparison measuring.