KB PRÜFTECHNIK GMBH

FW 43

Manual Spring Testing Machine 1000 N

FW 4 / 3 Available in several ranges

The testing machine FW 43 has a two-column guidance with four bearing points. The infeed of the way works via a lever, the fine adjustment via a mechanism separated from it. Two optional length stops can be switched by a mechanical slide. The data output of the equipment can be connected to a PC with Windows 7.
The measured values are determined in a continuous process and can be reconstructed at any time via the stored spring core line. A commercial printer with LPT center NIC interface can be used for reports.
The testing machine can alternatively equipped with a transducer for 100 N, 200 N, 500 N, or 1000 N. The length measurement is carried out via an incremental scale and is shown in the display with 5 digits, resolution 0,01 mm. For compression springs a length infeed (option) up to 250 mm is possible, for tension springs up to 300 mm. The diameter of the plan parallel adjusted pressure plate is 58mm.



Load range 100 Newton
Measuring range: 0 – 10 N Aufl. 0,0001 N

Load range 200 Newton
Measuring range: 0 – 50 N Aufl. 0,0002 N

Load range 500 Newton
Measuring range: 0 – 100 N Aufl 0,005 N

Load range 1000 Newton
Measuring range: 0 – 200 N Aufl. 0,01 N

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