

Radial Force Tester RF-200

The RF-200 can be used in all cases where Quick and simple force measurement is required.

It enables quick recording and evaluation of individual processes in production and in the laboratory.

One of its main applications is measuring the radial force of stents for quality assurance.



The measuring object is placed in a heated water bath. The included software starts the measurement. An Init-program considers the force of the water. The start value is determined using a force threshold value. The further process steps in the program are then processed. It is thus possible to cover a wide process window with just one program.

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Clear and simple software operation with personnel management, logbook and data storage in Excel.

Thanks to its simple and safe operation, it can be easily integrated into any production system.

Heinz Schade GmbH; Schießwieslenstraße 18; D-72766 Reutlingen



Technical data

Maximum opening:	40 mm						
Maximum length:	200 mm						
Force measurement:	25N, Measuring bar via measuring amplifier with tare function, Resolution $<1\mu N$						
Drive:	Linear spindle						
Linear resolution:	< 0.1µm						
Data format:	In file as chart and raw data in Excel						
Programs:	Freely programmable programs, unlimited number.						
Dimensions:	Width:310Height:290 mmDepth:250 mmWeight:22 Kg						
Heat output:	Low voltage heater 35W						
Connection:	24V DC 5A via external power supply 110-230V 50-60Hz RS232 interface						
Housing:	Clean room compatible housing.						
Miscellaneous:	Special sizes and adaptations on request.						
Scope of supply:	Tester with one force measuring unit (please specify desired force when ordering). RS232 cable, software.						
Required accessories:	PC with WIN XP, Win 7; 2 USB interfaces						
Further accessories:	USB/RS232 Interface						

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