

# Tension- and Compression Force Meter

For determining the tensile and compressive force in connection with access probes



The force measuring device is a hand-held device up to 200 N. The force can be determined in the units N, kg and lb.

The scope of delivery of the measuring device MP-100.25A includes various adapters in different forms.

These can be screwed onto the device and thus offer the optimal solution for surfaces of different types when measuring tensile and compressive forces. An extension rod with a length of 65 mm is included for measurements in hard-to-reach places.

The scope of delivery of the MP-100.25A force measuring device includes the following adapters: flat head adapter, hook adapter, ball head adapter, chisel head adapter and a notch head adapter, the hook adapter being used for tensile force measurements.

Further device features:

- Device for attachment to test stands
- Peak measurement
- Power supply via charging adapter
- Evaluation via USB interface
- quick display of measured values
- evaluation software (on request)

## Connection set MP-100.25B

Test fingers and object probes can be used with the connection set MP-100.25B to the Tension- and Compression Force Meter MP-100.25A can be connected.



## MP-100.25A

### Technical Data

Measuring range	0 ... 200 N
Resolution	0,1 N
Pressure calibration	1 Mpa
Load cell	integrated load cell with M6 connection
Measuring range	1 ... 100 % the full scale
Measurement accuracy	± 0,5 %
Units	N, kg, lb
Display	LCD
Operating temperatur	10 ... 30 °C
Relative humidity	15 ... 80 % relative humidity
Weight	1 kg

### Ordering Information

**Tension- and Compression Force Meter ..... MP-100.25A**  
including extensive accessories

Optional:

**Connection Set ..... MP-100.25B**  
for the connection of test fingers and object probes