

ALLURIS
FMI-B50 Digital precision force gauge (USB), Measuring range: 100 N

Order data

Order number	478987 100
GTIN	4260244680673
Item class	47F

Description
Version:

- **Sturdy force gauges in a handy aluminium die-cast housing for compressive and tensile forces from 0.001 to 2500 N.**
- **Overload protection up to 500% and protected measurement shaft.**
- **Attachment thread for additional handles.**
- **Precise positioning in test stands by a guide pin.**
- **High measurement rate for precise recording of peak values to determine fracture or tearing forces.**
- **Measured value memory with statistical analysis and limit value monitoring.**
- **USB interface for data transmission to a PC.**

Advantage:

Data evaluation and test bench control in combination with motorised test stands. **Supplied with DAkkS calibration certificate.**

Function:

IP40: Protected against penetration by foreign bodies with $\varnothing > 1$ mm, however tools and wires should be kept away, and offers no protection against water.

Application:

Measurement of compressive and tensile forces in quality assessment and production. For use as a mobile manual measurement gauge both in outdoor areas and in test stands or jigs. Attachment thread integrated into the housing permit attachment in test stands or mounting of additional handles.

Supplied with:

Force gauge in a protective case. Screw-on accessories for force transfer (flat head, slot head, cone, hook). Quick-start instructions.

Software FMI-AnalyzePro+.

Calibration: Price on request

IP Index of Protection: IP 40

Resolution: 0.02 N

Error limit: ± 0.15 maximum value (± 1 digit) %

Connection thread: M6

Length: 150 mm

Width: 82 mm

Height: 29 mm

Technical description

IP Index of Protection	IP 40
Length	150 mm
Height	29 mm
Measuring range	100 N
Connection thread	M6
Width	82 mm
Resolution	0.02 N
Error limit	± 0.15 maximum value (± 1 digit) %
Power supply	Mains operated
Interface	USB interface
Measurement technology	digital
Calibration	Price on request
Type of product	Draw bar pulling force gauge for tension and compression