

## ALLURIS

### FMI-B50 Digital precision force gauge (USB), Measuring range: 500 N



#### Order data

Order number	478987 500
GTIN	4260244680680
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:

IP65: Protected against jets of water from all directions and protected against penetration by dust (dust-tight), also completely protected against touching.

##### 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 65

Resolution: 0.1 N

Error limit:  $\pm 0.15$  maximum value ( $\pm 1$  digit) %

Connection thread: M6

Length: 150 mm

Width: 82 mm

Height: 29 mm

## Technical description

Measuring range	500 N
Length	150 mm
Error limit	$\pm 0.15$ maximum value ( $\pm 1$ digit) %
IP Index of Protection	IP 65
Height	29 mm
Connection thread	M6
Width	82 mm
Resolution	0.1 N
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