

## ALLURIS

**FMI-B30 Digital precision force gauge (USB), Measuring range: 50 N****Order data**

Order number	478985 50
GTIN	4260244680604
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:**

Measurement data software for evaluation in MsExcel. COM-Bridge software for direct data transmission from the measuring device to the Windows PC.

Operating time up to 150 h without mains power thanks to the rechargeable LiPo battery.

**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-Connect.

Calibration: Price on request

IP Index of Protection: IP 40

Resolution: 0.01 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	50 N
Resolution	0.01 N
IP Index of Protection	IP 40
Length	150 mm
Width	82 mm
Height	29 mm
Error limit	$\pm 0.15$ maximum value ( $\pm 1$ digit) %
Connection thread	M6
Type of rechargeable battery	Lithium-ion
Number of rechargeable batteries contained	1
Power supply	Rechargeable battery-powered
Interface	USB interface
Measurement technology	digital
Calibration	Price on request
Type of product	Draw bar pulling force gauge for tension and compression

## Accessories

479020