

**ALLURIS****FMI-B30 Digital precision force gauge (USB), Measuring range: 5000 N****Order data**

Order number	478985 5000
GTIN	4260244680888
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.

**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.

Interface: USB interface

Calibration: Price on request

IP Index of Protection: IP 65

Resolution: 1 N

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

Length: 150 mm

Width: 82 mm

Height: 29 mm

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## Technical description

Battery life	h
Power supply	
Calibration	Price on request
Interface	USB interface
Measurement technology	digital
Type of product	Draw bar pulling force gauge for tension - compression