

ALLURIS

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

Operating time up to 150 h without mains power thanks to the rechargeable LiPo battery. Measurement data software for evaluation in MsExcel. COM-Bridge software for direct data transmission from the measuring device to the Windows PC.

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.

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	±0.15 maximum value (±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