

ALLURIS

FMI-B20 Digital peak force gauge, Measuring range: 100 N**Order data**

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| Order number | 478983 100 |
| GTIN | 4260244680550 |
| 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.**

Advantage:

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.

Calibration: Price on request

IP Index of Protection: IP 40

Resolution: 0.02 N

Error limit: ± 0.2 maximum value (± 1 digit) %

Connection thread: M6

Length: 150 mm

Width: 82 mm

Height: 29 mm

Technical description

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| IP Index of Protection | IP 40 |
| Measuring range | 100 N |
| Resolution | 0.02 N |
| Width | 82 mm |
| Height | 29 mm |
| Length | 150 mm |
| Error limit | ± 0.2 maximum value (± 1 digit) % |
| Connection thread | M6 |
| Type of rechargeable battery | Lithium-ion |
| Number of rechargeable batteries contained | 1 |
| Power supply | Rechargeable battery-powered |
| Measurement technology | digital |
| Calibration | Price on request |
| Type of product | Draw bar pulling force gauge for tension and compression |