

KERN FH 100KUK



Universal digital force gauge for tensile and compressive force measurements with external load cell, with plug-in power supply for UK



Functions

Auto-off interval(s) in battery mode/rechargeable battery mode	1 - 60 min
Peak function	✓
Statistic function	✓
Limit-setting function	✓
Memory function	✓
Interfaces	RS-232 standard

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V
Input voltage device / power [Max]	12 V, 400 mA
Plug-in power supply type	Power adapter
Supplied plug-in power supply	Battery & Power supply
Plug-in power supply / adapter for countries - included with the delivery	UK
Rechargeable battery	8,4V / 1200mAh Ni-Hi
Rechargeable battery charging time	4 h
Rechargeable battery operating time - backlight on	10 h
Rechargeable battery operating time - backlight off	12 h

Environmental conditions

Ambient temperature [Min]	10 °C
Ambient temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	325×185×165 mm
Net weight approx.	1,6 kg
Gross weight approx.	2,8 kg
Shipping weight	2,734 kg
UN number (hazardous goods)	3496

Services (optional)

Article number for factory calibration (tensile force)	961-166
Article number for factory calibration (compressive force)	961-266
Article number for factory calibration (tensile force/compressive force)	961-366

Category

Brand	Sauter
Product category	Force gauges
Product group	Digital force gauge

Measuring System

Readability force [d] (N)	50 N
Overload protection (% of [Max])	150%
Measuring range [Max] (N)	100 kN
Tolerance (% of [Max])	0,5%
Default unit	kN
Measuring head measuring frequency	2 kHz
Directions of force	pull push

Approval

CE mark	✓
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Display

Display digit height	10 mm
Screen reversible	✓

Construction

Dimension display device (W×D×H)	230×66×36 mm
Dimension housing (W×D×H)	230×66×36 mm
Dimensions completely mounted (W×D×H)	230×66×36 mm
Material display housing	Plastics
Cable length	3 m
Load support (tensile force)	Rod end

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Piktogramme

STANDARD



OPTION

