

# KERN FK 10

# KERN

Robust, digital force gauge for tensile and compressive force measurements



Load support (tensile force)	Hook
Mounting - force application	External thread M8

Functions	
Hold function	✓
Peak function	✓

Power Supply	
Input voltage power supply / power [Max]	100 V - 240 V
Input voltage device / power [Max]	9 V, 300 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply & battery included

Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
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Plug-in power supply / adapter for countries - optional	UK US
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Battery	6×1.5 V AA
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Battery / accumulator type	Alkali(-Manganese)
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Battery connection	Pad + Spring
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Battery capacity	2.900 mAh
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Battery voltage	1,5 V
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Battery operating time	25 h
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Battery operating time - backlight off	25 h
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## Environmental conditions

Ambient temperature [Min]	10 °C
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Ambient temperature [Max]	30 °C
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Storage temperature [Min]	-10 °C
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Storage temperature [Max]	60 °C
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## Packing & Shipping

Readability force [d] (N)	1 d
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Dimensions packaging (W×D×H)	260×250×80 mm
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Net weight	0,72 kg
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Shipping method	Parcel service
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Net weight approx.	0,75 kg
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Gross weight approx.	0,90 kg
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Shipping weight	1 kg
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## Services (optional)

Article number for DAkkS calibration (tensile force)	963-1610
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## Category

Brand	Sauter
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Product category	Force measurement
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Product group	Digital force gauge (internal measuring cell)
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Product family	FK
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## Measuring System

Default unit	N
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Tolerance (% of [Max])	0,5%
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Measuring range force [Max] (N)	10 N
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Readability force [d] (N)	0,005 N
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Directions of force	tension compression
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Measuring head measuring frequency	1000 Hz
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Number of platforms / channels	1
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Overload protection (% of [Max])	200%
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## Approval

CE mark	✓
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## Display

Display type	LCD
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Display digit height	18 mm
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Screen reversible	✓
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## Construction

Dimension housing (W×D×H)	195×83×35 mm
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Dimensions completely mounted (W×D×H)	195×83×35 mm
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Material housing	plastic
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Article number for DAkkS calibration (compressive force) 963-2610

Article number for DAkkS calibration (tensile force/ compressive force) 963-3610

Article number for factory calibration (tensile force) 961-1610

Article number for factory calibration (compressive force) 961-2610

Article number for factory calibration (tensile force/ compressive force) 961-3610

## Pictograms

### STANDARD



### OPTION

