

# SAUTER FH 10

# KERN

Universal digital force gauge for tensile and compressive force measurements with integrated load cell



Dimension display device (W×D×H)	225×66×36 mm
Material display housing	Plastics
Mounting - force application	External thread M6
Load support (tensile force)	Hook

## Functions

Function for averaging	✓
Limit-setting function	✓
Hold function	✓
Peak function	✓
Memory function	✓
Statistic function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	1 - 60 min

## Interface

Interfaces	RS-232 standard
------------	-----------------

## Power Supply

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

## Environmental conditions

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

## Approval

CE mark	✓
---------	---

## Category

Brand	Sauter
Product category	Force measurement
Product group	Digital force gauge (internal measuring cell)
Product family	FH-S

## Measuring System

Measuring range force [Max] (N)	10 N
Readability force [d] (N)	0,005 N
Measuring head measuring frequency	2 kHz
Overload protection (% of [Max])	150%
Default unit	N
Internal data memory: Number of individual values	10
Internal data memory: Number of value groups	1
Number of platforms / channels	1
Tolerance (% of [Max])	0,5%
Directions of force	tension compression

## Display

Display type	LCD
Display digit height	10 mm
Screen reversible	✓

## Construction

Dimension housing (W×D×H)	230×66×36 mm
Dimensions completely mounted (W×D×H)	240×65×36 mm

# SAUTER FH 10



Universal digital force gauge for tensile and compressive force measurements with integrated load cell

## Services (optional)

Article number for DAkkS calibration (tensile force)	963-161
Article number for DAkkS calibration (compressive force)	963-261
Article number for DAkkS calibration (tensile force/ compressive force)	963-361
Article number for factory calibration (tensile force)	961-161
Article number for factory calibration (compressive force)	961-261
Article number for factory calibration (tensile force/ compressive force)	961-361

## Packing & Shipping

Delivery time	1 d
Dimensions packaging (WxDxH)	325x190x90 mm
Shipping method	Parcel service
Net weight approx.	0,65 kg
Gross weight approx.	1,4 kg
Shipping weight	1,224 kg

## Pictograms

### STANDARD



### OPTION

