

SAUTER FH 5K

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



Material display housing	plastic
Cable length	3 m
Mounting - force dissipation	Threaded hole M12
Mounting - force application	Threaded hole M12
Load support (tensile force)	Rod end

Functions	
Function for averaging	✓
Limit-setting 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 USB-Device

Power Supply	
Supplied power supply	Accu & Power supply
Power supply type	Power adapter
Plug-in power supply / adapter for countries - optional	EURO
	AUS
	UK
	US
	CH
Input voltage power supply / power [Max]	100 V - 240 V
Input voltage device / power [Max]	5 V 1000 mA
Power socket for mains adapter	USB C
Battery / accumulator type	NiMH
Battery connection	2-pole tub connector
Rechargeable battery operating time - backlight on	24 h
Rechargeable battery operating time - backlight off	40 h
Rechargeable battery charging time	120 min
Battery/Accu connected	fixed electrical connection, not insulated

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

Category	
Brand	Sauter
Product category	Force measurement
Product group	Digital force gauge (external measuring cell)
Product family	FH-M

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

Display	
Display type	LCD
Screen reversible	✓

Construction	
Dimension housing (W×D×H)	80×55×30 mm
Dimensions completely mounted (W×D×H)	180×55×30 mm
Dimension display device (W×D×H)	240×70×40 mm
Material housing	plastic

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Approval

CE mark ✓

Services (optional)

Article number for DAkkS calibration (tensile force) 963-163

Article number for DAkkS calibration (compressive force) 963-263

Article number for DAkkS calibration (tensile force/ compressive force) 963-363

Article number for factory calibration (tensile force) 961-163

Article number for factory calibration (compressive force) 961-263

Article number for factory calibration (tensile force/ compressive force) 961-363

Packing & Shipping

Delivery time 1 d

Dimensions packaging (W×D×H) 330×190×175 mm

Shipping method Parcel service

Net weight approx. 1,4 kg

Gross weight approx. 3,0 kg

Shipping weight 2,82 kg

Product information

GTIN/EAN number 4045761368637

REACH classification no prohibited substances

Pictograms

STANDARD



OPTION

