

KERN FH 5

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



Article codes, product groups & Status information

Model article-code	FH 5
Model-Serie	FH-S-INT
Assortment	Sauter
Product Type	Force measurement
Product group	Digital force-measuring devices (internal sensor)
Product usage type	Main article
EAN code (Model)	4045761368576
Predecessor Model	FH 5-2019a; FH 5-2023a
Planned start date	2024-2HJ
Customs tariff number	90248000
CE Label	Yes

Technical data - Primary

Max. Force	5 N
Readability	0.001 N

Technical data - Construction

Dimension housing (W×D×H)	240×70×40 mm
Material housing	Plastic
Mounting thread	External thread M6

Technical data - Display

Display type	LCD
Display reverse	Yes

Technical data - Power supply

Power supply

Battery type	NiMH
--------------	------

Operating time (Display off)	40 h
------------------------------	------

Operating time (Display on)	24 h
-----------------------------	------

Battery & Power supply

Technical data - Measuring system

Units	N
Tolerance (% from Max.)	0.5%
Force direction	Compression;tension

Technical data - Functions

Statistic-Function	Yes
Peak-Function	Yes
Limit value (Min - Max)	Yes
Audible ready signal	Yes
Interface	RS-232 standard;USB-Device

Technical data - Environmental conditions

Maximum operating temperature	40 °C
Minimum storage temperature	40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	330×190×95 mm
Gross weight	1.4 kg
Net weight	0.55 kg
Shipping method	Parcel service

KERN FH 5

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



UN number	Ni-MH (UN 3496, Packing Instruction #0, Not Restricted as per Special Provision A199)
-----------	---

Packaging component - by weight - cardboard	152 g
Packaging component - by weight - styrofoam	384.5 g
Delivery time	1 d

Technical data - Counting data

Memory	Yes
Value memory - number of groups	1
Value memory - number of cells (per group)	10

Functions

Standard



Option

