

KERN FH 20

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



Article codes, product groups & Status information

Model article-code	FH 20
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)	4045761368521
Predecessor Model	FH 20-2019a; FH 20-2023a
Planned start date	2024-2HJ
Customs tariff number	90248000
CE Label	Yes

Technical data - Primary

Max. Force	20 N
Readability	0.01 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

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) 325×190×90 mm

Gross weight 1.4 kg

Net weight 0.60 kg

Shipping method Parcel service

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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	358.5 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

Optional Services

DAkkS calibration - push/pull	963-361
DAkkS calibration - push only	963-261
DAkkS calibration - pull only	963-161

Functions

Standard



Option

