

KERN FC 100

Compact force gauge for tensile and compressive force measurements



Article codes, product groups & Status information

Model article-code	FC 100
Model-Serie	FC
Assortment	Sauter
Product Type	Force measurement
Product group	Digital force-measuring devices (internal sensor)
Product usage type	Main article
EAN code (Model)	4045761160866
Planned start date	2014-1HJ
Customs tariff number	90248000

Technical data - Primary

Max. Force	100 N
Readability	0.1 N

Technical data - Construction

Dimensions of housing	145×73×34 mm
Material housing	Metal
Mounting thread	External thread M6

Technical data - Display

Display type	LCD
Display digit height	10 mm
DisplayReverse	Yes

Technical data - Power supply

Power supply	Battery & Power supply
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Battery type	NiMH
Operating time (Display off)	20 h
Operating time (Display on)	20 h
Mains adapter/adaptor included	CH;EURO
Protection Class	No protection class

Technical data - Measuring system

Units	N
Tolerance (% from Max.)	0.3%
Force direction	Compression;tension

Technical data - Functions

Hold-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)	340×155×110 mm
Gross weight	1.2 kg
Net weight	0.95 kg

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Shipping method

Parcel service

UN number

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

Packaging component - by weight - cardboard

230 g

Packaging component - by weight - styrofoam

130 g

Delivery time

1 d

Technical data - Counting data

Memory

Yes

Value memory - number of cells (per group)

500

Optional Services

DAkkS calibration - push/pull 963-361

DAkkS calibration - push only 963-261

DAkkS calibration - pull only 963-161

Functions

Standard



Option

