

KERN FE 5

Digital force gauge with pass-fail function for tensile and compressive force measurements



Article codes, product groups & Status information

Model article-code	FE 5
Model-Serie	FE
Assortment	Testing & Measuring Devices
Product Type	Force measurement
Product group	Digital force-measuring devices (internal sensor)
Product usage type	Main article
EAN code (Model)	4045761505551
Planned start date	2026-2HJ
Customs tariff number	90248000
CE Label	Yes
Country of Origin	CN

Technical data - Primary

Max. Force	5 N
Readability	0,002 N

Technical data - Construction

Mounting thread	External thread M6
Mounted dimensions	71×31×180 mm

Technical data - Display

Display type	LCD
Display digit height	8,5 mm
Display reverse	Yes

Technical data - Power supply

Power supply

Battery type	NiMH
Operating time (Display off)	10 h
Operating time (Display on)	8 h
Protection Class	No protection class
Accumulator charging time	8 h

Technical data - Measuring system

Tolerance (% from Max.)	0,3%
Force direction	Compression;tension
Maximum overload (%)	150%

Technical data - Functions

Peak-Function	Yes
Limit value (Min - Max)	Yes

Technical data - Environmental conditions

Maximum operating temperature	35 °C
Minimum storage temperature	40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	263×230×75 mm
Gross weight	0,95 kg
Net weight	0,35 kg
Shipping method	Parcel service
UN number	Ni-MH (UN 3496, Packing Instruction #0, Not Restricted as per Special Provision A199)

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Net weight 0,32 kg

Packaging component - by weight - cardboard 594 g

Delivery time 1 d

Optional Services

DAkkS calibration - push/pull 963-3610

DAkkS calibration - push only 963-2610

DAkkS calibration - pull only 963-1610

Functions

Standard



Option

