KERN FH 500 EXT

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



Article codes, product groups & Status information	
Model article-code	FH 500 EXT
Model-Serie	FH-S-EXT
Assortment	Testing & Measuring Devices
Product Type	Force measurement
Product group	Digital force-measuring devices (external sensor)
Product usage type	Main article
EAN code (Model)	4045761368606
Predecessor Model	FH 500 EXT-2.019a; FH 500 EXT-2.024a
Planned start date	2024-2HJ
Customs tariff number	90248000
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Max. Force	500 N
Readability	0,1 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 & Power supply
Battery type	NiMH
Operating time (Display off)	40 h
Operating time (Display on)	24 h
Interfaces	RS-232 standard;USB-Device

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)	330×190×175 mm

Gross weight	2,2 kg
Net weight	0,90 kg
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	210 g
Packaging component - by weight - plastics	14 g
Packaging component - by weight - styrofoam	639,5 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

