KERN FES 33K-4

High-capacity precision balance with password-protected user administration



Article codes, product groups & Status information	
Model article-code	FES 33K-4
Model-Serie	FES
Assortment	Scales
Product Type	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761311336
Successor Model	FES 30K-4
Planned start date	2023-1HJ
Customs tariff number	84238220
Model Status	Yes
CE Label	Yes
Country of Origin	JP

Technical data - Primary	
Weighing capacity	33.000 g
Readability	0,1 g
Repeatability	0,1 g
Linearity	± 0,3 g
Minimum piece weight	1 g
Weighing surface (d)	350×400 mm

Technical data - Construction	
Dimension housing (W×D×H)	350×520×170 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	Stainless steel, cast iron
Dimensions of weighing plate (W×D)	350×400 mm
Weighing surface (d)	350×400 mm
IP protection indicator	IP65
IP protection platform	IP65
IP protection load cell	IP65

Technical data - Display	
Display height	16,5 mm
Backlight	Yes

Technical data - Power supply	
Mains adapter/adapter included	AUS;EURO;UK;US
Charging time	12 h
Input Voltage	100 V - 240 V AC, 50 / 60 Hz
Operating time (Backlight off)	10 h
Rechargeable battery	Rchrg. battery optional (factory)
Interfaces	Digital I/O (optional, factory);RS-232 serienmäßig - 2x

Technical data - Measuring system	
Calibration method	Adjusting with external weight
Linearity	± 0,3 g
Minimum weight (USP)	200 g
Readability	0,1 g

Recommended adjusting weight	20 kg (F2); 10 kg (F2)
Repeatability	0,1 g
Stabilisation time under laboratory conditions	3 s
Tare range	33.000 g
Warm up time	120 min

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	35 °C
Minimum ambient temperature	5 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	490×830×430 mm
Gross weight	24 kg
Net weight	18 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	5,6 kg
Packaging component - by weight - plastics	400 g
Packaging component - by weight - styrofoam	3 kg
Delivery time	1 d

Technical data - Counting data

Counting resolution	330.000
Mininum piece weight at piece counting (Laboratory)	100 mg
Minimum piece weight	1 g

Optional Services

DAkkS Calibration	963-128

Functions

Standard



Option



Factory

