KERN **FES 62K-4D**

High-capacity precision balance with password-protected user administration

Category

Brand	KERN
Product categoriy	Laboratory balance
Product group	Precision balance
Product family	FES

Measuring System

Construction type of the scale	Multi-division balance
Weighing system	Tuning fork
Weighing capacity [Max]	6200 g; 62000 g
Readability [d]	0,1 g; 1 g
Readability carat [d] (ct)	1 ct; 10 ct
Reproducibility	0,1 g; 1 g
Linearity	± 0,3 g; 3 g
USP Minimum weight of sample (k = 2, U = 0.1%)	200 g
Resolution	62.000, 62.000
Tare range	62000 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	50 kg (F1)
Stabilization time	3 s
Warm-up time	120 min; 120 min
Eccentric loading at 1/3 [Max]	0,3 g; 3 g
Maximum creep (15 minutes)	10 g
Maximum creep (30 minutes)	20 g
Default unit	g
Units	kg g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct lb oz tol mom

Display

Display type	LCD
Display type	LCD
Display backlight	✓
Display screen size	172×58 mm
Display segments	8
Display digit height - smallest digit	8,5 mm
Display digit height	16,5 mm
Languages of the user interface	English

Construction

Dimension housing (W×D×H)	350×520×170 mm
Dimension display device (W×D×H)	290×180×80 mm
Dimensions weighing surface (W×D)	350×400 mm
Dimensions weighing surface	350×400 mm
Dimensions weighing platform (W×D×H)	400×350×150 mm
Material housing	stainless steel, cast iron
Material weighing plate	stainless steel
Material platform	Stainless steel
Material display housing	stainless steel
Level indicator	✓
Levelling feet adjustable	✓
Wall mount	✓
Display device cable length	1 m

Functions

PreTare function	✓
Sum memory function	✓
Recipe/summing level	Rez A (Net total)
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	Hook (optional)
Capacity - Display	✓
Standby function	✓
Counting function	✓
Counting resolution (laboratory conditions)	620.000

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Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Reference quantity	5, 10, 30, 50, 100, n (any number of pieces)
IP protection - complete device	IP65
IP protection - display	IP65
IP protection - platform	IP65
IP protection - load cell	IP65
Tare function	manual (multi)
Number of keys for operation	9

Interface

Interfaces	Digital I/O (optional, factory) RS-232 standard - 2x

Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO AUS UK US
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 1.0 A
Rechargeable battery operating time - backlight off	10 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional (factory)

Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humity of environment [Max]	80 %

Approval

CE mark	✓

Services (optional)

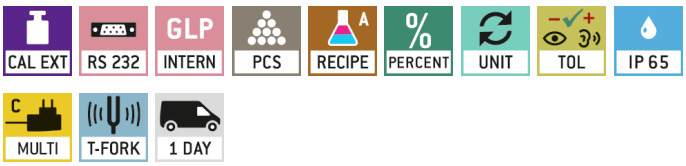
Article number for DAkkS calibration	963-129
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	490×830×430 mm
Shipping method	Parcel service
Net weight approx.	18 kg
Gross weight approx.	24 kg
Shipping weight	35 kg

Pictograms

STANDARD



OPTION

FACTORY