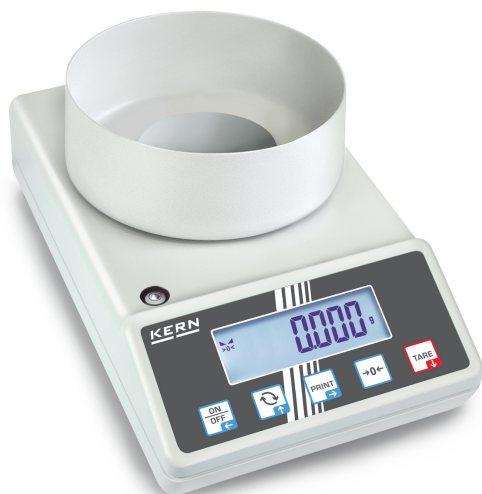


KERN 572-32

All-rounder, e.g. as precision balance in the laboratory or in harsh industrial applications, ideal for the diverse possibilities of Industry 4.0 applications



Display digit height	21 mm
Display backlight	✓
Display screen size	89×30 mm
Languages of the user interface	English Symbol language

Construction

Dimension housing (W×D×H)	180×310×85 mm
Dimensions completely mounted (W×D×H)	180×310×130 mm
Dimensions ring-shaped draught shield - inner (Ø×H)	157×43 mm
Dimensions ring-shaped draught shield - outer (Ø×H)	160×0 mm
Dimensions weighing surface (Ø)	106 mm
Material housing	cast aluminium
Material weighing plate	stainless steel
Material platform	Stainless steel
Material draught shield	metal, lacquered
Levelling feet adjustable	✓

Functions

Number of keys for operation	5
Auto-off interval(s) in mains power mode	1 min
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min 1 min 30 min 60 min 30 sec
PreTare function	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Rez A (Net total)
Underfloor weighing	Eye
Interfaces	RS-232 (optional) USB-Device (optional) KUP

Counting

Smallest piece weight when piece counting - laboratory conditions	1 mg
Smallest piece weight when piece counting - normal conditions	10 mg
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Counting resolution (laboratory conditions)	420.000

Category

Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

Measuring System

Readability [d]	0,001 g
Weighing capacity [Max]	420 g
Eccentric loading at 1/3 [Max]	0,005 g
USP Minimum weight of sample (k = 2, U = 0.1%)	2 g
Reproducibility	0,002 g
Linearity	± 0,005 g
Weighing system	Strain gauge
Resolution	420.000
Units	g gn dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz ffa
Default unit	g
Stabilization time	3 s
Warm-up time	4 h
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (E2); 200 g (E2)
Possible calibration points	100 g; 200 g; 300 g; 400 g

Approval

CE mark	✓
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Display

Display type	7 segment LED
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KERN 572-32



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Power Supply

Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	6 V, 1 A
Plug-in power supply type	Power adapter
Supplied plug-in power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery	KS-A01
Rechargeable battery charging time	8 h
Rechargeable battery operating time - backlight on	24 h
Rechargeable battery operating time - backlight off	48 h
Battery operating time	20 h

Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C

Packing & Shipping

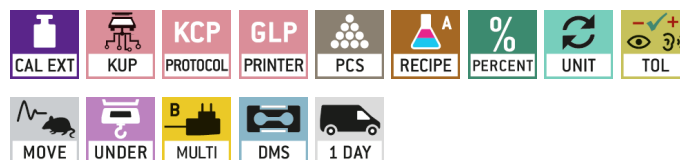
Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	400×340×220 mm
Net weight approx.	2,4 kg
Gross weight approx.	3,8 kg
Shipping weight	6 kg

Services (optional)

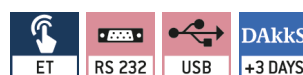
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

Piktogramme

STANDARD



OPTION



FACTORY

