

KERN IFS 30K0.2DL

KERN

Industrial counting scale with convenient decimal keypad for easy data entry, counting resolution 60.000 points



Category

Brand	KERN
Product category	Industrial scale
Product group	Counting scale
Product family	IFS

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	12 kg; 30 kg
Readability [d]	0,0002 kg; 0,0005 kg
Reproducibility	0,0002 kg; 0,0005 kg
Linearity	± 0,0008 kg; 0,002 kg
Resolution	60.000, 60.000
Tare range	-30 kg

Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (F2)
Stabilization time	2 s
Warm-up time	120 min; 120 min
Eccentric loading at 1/3 [Max]	0,001 kg; 0,0025 kg
Load cell connection	4-wire
Construction type of the scale	Multi-division balance
Units	kg
Maximum creep (15 minutes)	5 g
Maximum creep (30 minutes)	10 g
Default unit	kg
Loadcell type	aluminium IP65 silicone-coated

Display

Display type	LCD
Display backlight	✓

Display digit height - smallest digit	13,5 mm
Display digit height	16,5 mm

Construction

Dimensions completely mounted (W×D×H)	795×470×230 mm
Dimension display device (W×D×H)	260×150×65 mm
Dimensions weighing surface (W×D)	400×300 mm
Dimensions weighing surface	400×300 mm
Dimensions weighing platform (W×D×H)	400×300×120 mm
Material weighing plate	stainless steel
Material platform	mild steel
Material display housing	plastic
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Stand height	600 mm
Stand inclinable	✓
Wall mount	✓
Display device cable length	3 m
Load cells - number	1

Functions

Sum memory function	✓
Recipe/summing level	Sum A
PLU - total	100
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Counting function	✓
Counting resolution (laboratory conditions)	60.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	500 mg
Smallest piece weight when piece counting - normal conditions	5 g
Reference quantity	n (any number of pieces)
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - platform	no IP protection
IP protection - load cell	IP65
Peak function	✓
Memory function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off

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Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Number of keys for operation	21

Interface	
Interfaces	RS-232 standard

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 UK US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	100 - 240 V~ 50/60 Hz 190 mA
Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm
Battery / accumulator type	Pb
Rechargeable battery	6 V, 1.2 Ah
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	18 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional (factory)

Environmental conditions	
Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval	
CE mark	✓

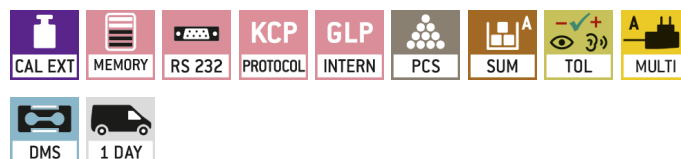
Services (optional)	
Article number for DAkkS calibration	963-128
Article number for certificate of conformity	969-517

Packing & Shipping	
Delivery time	1 d
Dimensions packaging (W×D×H)	795×460×220 mm
Shipping method	Parcel service
Net weight approx.	7 kg
Gross weight approx.	9 kg
Shipping weight	16,1 kg

Product information	
GTIN/EAN number	4045761111912

Pictograms

STANDARD



OPTION



FACTORY

