

# KERN DE 120K10A

The long lasting story of success with dust and spray protected display device



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Display	
Display type	LCD
Display backlight	✓
Display screen size	87×29 mm
Display digit height	25 mm

Construction	
Dimension housing (W×D×H)	315×305×75 mm
Dimension display device (W×D×H)	225×110×55 mm
Dimensions weighing surface (W×D)	315×305 mm
Dimensions weighing surface	315×305 mm
Dimensions weighing platform (W×D×H)	318×308×75 mm
Material weighing plate	stainless steel
Material platform	metal, lacquered
Material display housing	Plastics
Display device cable length	1,4 m
Allowed cable length display device [Max]	3 m
Load cells - number	4

Functions	
Recipe/summing level	Sum A
Percentage determination	✓
Underfloor weighing	None
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	6.000
Smallest piece weight when piece counting - laboratory conditions	20 g
Smallest piece weight when piece counting - normal conditions	200 g
Reference quantity	5, 10, 20, 25, 50
IP protection - display	no IP protection
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off
Tare function	manual (multi)
Number of keys for operation	5

Interface	
Interfaces	RS-232 standard

Category	
Brand	KERN
Product category	Industrial scale
Product group	Platform scale
Product family	DE

Measuring System	
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	120 kg
Readability [d]	0,01 kg
Reproducibility	0,01 kg
Linearity	± 0,03 kg
Resolution	12.000
Tare range	120 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	120 kg (M1)
Possible calibration points	40 kg; 80 kg; 120 kg
Stabilization time	2,5 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,05 kg
Maximum creep (15 minutes)	40 g
Maximum creep (30 minutes)	80 g
Default unit	kg

	kg
	dwt
	tl (Tw)
	tl (HK)
	ozt
	mo
	lb
	oz

Units

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# KERN

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## 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 UK US CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	15 V, 500 mA
Battery / accumulator type	NiMH
Battery	9 V block
Battery connection	Plug-in terminals
Battery operating time	12 h
Rechargeable battery	NDE-A02
Rechargeable battery operating time - backlight on	15 h
Rechargeable battery operating time - backlight off	30 h
Rechargeable battery charging time	10 h
Rechargeable battery optional	Rchrg. battery optional

## Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

## Approval

CE mark	✓
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## Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for DAkkS calibration	963-129
Article number for certificate of conformity	969-517

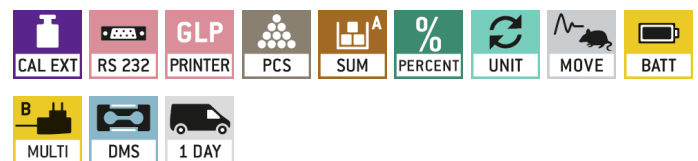
## Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	515×395×140 mm

Shipping method	Parcel service
Net weight approx.	5,0 kg
Gross weight approx.	6 kg
Shipping weight	5,7 kg

## Pictograms

### STANDARD



### OPTION

