KERN PES 620-3M



Robust laboratory and industrial precision scale for heavy items



Category

CE mark

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

Measuring System

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Construction type of the scale	Single-range balance
Weighing system	Tuning fork
Weighing capacity [Max]	620 g
Readability [d]	0,001 g
Resolution	620.000
Linearity	± 0,003 g
Reproducibility	0,001 g
Default unit	g
Units	kg g ct
USP Minimum weight of sample (k = 2, U = 0.1%)	2 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	500 g (E2)
Stabilization time	3 s
Warm-up time	4 h
Eccentric loading at 1/3 [Max]	0,003 g
Maximum creep (15 minutes)	10 mg
Maximum creep (30 minutes)	20 mg
Approval	

1

Display	
Display type	Fluorescent
Display backlight	LED is self-luminous
Display digit height	14 mm
Languages of the user interface	English
Construction	
Dimension housing (W×D×H)	220×333×93 mm
Dimensions rectangular draught shield - inner (W×D×H)	170×150×100 mm
Dimensions rectangular draught shield - outer (W×D×H)	175×155×105 mm
Dimensions completely mounted (W×D×H)	220×333×186 mm
Material housing	cast aluminium
Material weighing plate	stainless steel
Material platform	Stainless steel
Material draught shield	plastic
Dimensions weighing surface	140,4100,000
(W×D)	140×120 mm
Levelling feet adjustable	1
Functions	
Number of keys for operation	6
Auto-off interval(s) in mains power mode	free
Capacity - Display	\checkmark
Tare function	manual (multi)
Percentage determination	\checkmark
Counting function	✓
Tolerance weighing	1
Tolerance weighing - type of signal	visual
Standby function	✓
Recipe/summing level	Rez A (Net total)
Sum memory function	1
Underfloor weighing	Eye (included in delivery)
Interfaces	RS-232 standard Digital I/O (optional, factory)
Counting	
Smallest piece weight when piece counting - laboratory conditions	1 mg
Smallest piece weight when piece counting - normal conditions	10 mg
Reference quantity	5, 10, 30, 100
Counting resolution (laboratory conditions)	620.000

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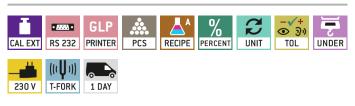
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Power Supply	
Input voltage power supply / power [Max]	100-240V AC; 0,6 A; 50/60Hz
Input voltage device / power [Max]	12 V, 1 A
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO AUS UK US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Battery connection	Plug-in terminals
Environmental conditions	
Humity of environment [Max]	80 %
Ambient temperature [Min]	10 °C
Ambient temperature [Max]	30 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C
Packing & Shipping	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	330×440×215 mm
Net weight	3,347 kg
Shipping method	Parcel service
Net weight approx.	3,4 kg
Gross weight approx.	6 kg
Shipping weight	6,2 kg
Services (optional)	
Article number for DAkkS calibration	963-103
Article number for certificate of conformity (verification)	969-517

conformity (verification)

Pictograms

STANDARD



OPTION

B	DAkkS
MULTI	+3 DAYS

FACTORY

