

KERN PET 1000-3M



Premium touchscreen precision balance with the complete range of functions for demanding processes



Minimum piece weight at piece counting (Normal): 50 mg

Functions

Capacity display:	yes
Conversion function:	yes
Counting function:	yes
Density determination function:	yes
Dispensing function:	yes
Function to save totals:	yes
Help function on the display:	yes
Percentage determination:	yes
Standby function:	yes
Statistical function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V
n/a:	EURO UK US

Service

DAkkS Certificate:	963-127
Verification:	965-216

Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

Packaging & shipping

Delivery:	504 h
Dimensions packaging (WxDxH):	720 x 370 x 280 mm
Gross weight:	8,900 kg
Net weight:	5,600 kg
Shipping method:	Parcel service

Construction

Cable length of display device:	35 cm
Dimensions draft shield (WxDxH):	150 x 150 x 80 mm
Dimensions housing (WxDxH):	431 x 221 x 99 mm
Dimensions of display device (WxDxH):	215 x 156 x 71 mm

Measuring system

Adjustment options:	Internal calibration (auto)
Linearity:	3 mg
n/a:	4 g
Readout [d]:	1 mg
Reproducibility:	2 mg
Resolution:	1.000.000
Stabilisation time:	2 s
Tare range:	-1000000 mg
Warm up time:	8 h
Weighing range [Max]:	1 kg
Weighing system:	Force compensation
Weighing units:	ct g kg mg

Display

Display digit height:	2,100 cm
Display digit height:	1,900 cm

Technical data about verification

Minimum load [Min]:	20 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	II
Verification value [e]:	10 mg

Counting

Counting resolution:	200000
Minimum piece weight at piece counting (Laboratory):	5 mg

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Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	431 x 221 x 168 mm
Revolving screw feet:	yes
Weighing space (WxDxH):	140 x 140 x 65 mm
Weighing surface (WxD):	128 x 128 mm