KERN **572-45**

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

KERN®

Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	250 mg
Linearity:	150 mg
Readability [d]:	50 mg
Recommended adjusting weight:	10 kg (F1)
Repeatability:	50 mg
Resolution:	240000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	12 kg
Weighing system:	Strain gauge
Weighing units:	dwt tl (Tw) ffa ct ozt oz tl (HK) g mo kg lb tl (Singap. Malays)

Display

Display digit height (large):	2,100 cm

Counting

Counting resolution:	240000
Mininum piece weight at piece counting (Laboratory:	50 mg
Mininum piece weight at piece counting (Normal):	500 mg
Reference weight:	yes

Functions

Counting function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	40 $^{\circ}$C
Minimum ambient temperature:	-10 $^{\circ}$C

Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V AC 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH US UK
Operating time:	20 h
Operating time (Backlight off):	48 h
Operating time (Backlight on):	24 h
Rechargeable battery:	Rchrg. battery optional (factory)

Services (optional)

DAkkS Certificate:	963-128

Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	400 x 340 x 220 mm
Gross weight:	4,800 kg
Net weight:	2,700 kg
Shipping method:	Parcel service

Construction

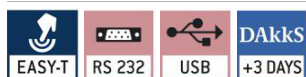|	
Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	180 x 310 x 85 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	180 x 310 x 90 mm
Revolving screw feet:	yes
Weighing surface (WxD):	160 x 200 mm

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Piktogramme

STANDARD

CAL EXT	KUP	KCP PROTOCOL	GLP PRINTER	PCS	RECIPE	PERCENT	UNIT	TOL

MOVE	UNDER	MULTI	DMS	1 DAY

OPTION

EASY-T	RS 232	USB	DAkkS +3 DAYS

FACTORY

ACCU