



Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	3 mg
Readability [d]:	1 mg
Recommended adjusting weight:	200 g (F1)
Repeatability:	1 mg
Resolution:	240000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	240 g
Weighing system:	Strain gauge
Weighing units:	ozt ffa tl (HK) ct g oz mo lb dwt tl (Singap. Malays) tl (Tw) gn
Display	
Display digit height (large):	2,100 cm
Counting	
Counting resolution:	240000
Mininum piece weight at piece counting (Laboratory:	1 mg
Mininum piece weight at piece counting (Normal):	10 mg
Reference weight:	yes

Functions	
Counting function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Suspended weighing:	Loop
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes
Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °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:	US EURO UK CH
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:	963-127
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:	4,400 kg
Net weight:	2,300 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 130 mm



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

Revolving screw feet:	yes
Weighing space (ÃxH):	157 43
Weighing surface (d):	106

Piktogramme

STANDARD



OPTION



FACTORY



KERN & SOHN GmbH · Ziegelei 1 · 72336 Balingen · Germany · Tel. +49-(0)7433 - 99 33-0 · www.kern-sohn.com





Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	5 mg
Readability [d]:	1 mg
Recommended adjusting weight:	300 g (F1)
Repeatability:	2 mg
Resolution:	300000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	300 g
Weighing system:	Strain gauge
Weighing units:	ozt ffa tl (HK) ct g oz mo lb dwt tl (Singap. Malays) tl (Tw) gn
Display	
Display digit height (large):	2,100 cm
Counting	
Counting resolution:	300000
Mininum piece weight at piece counting (Laboratory:	1 mg
Mininum piece weight at piece counting (Normal):	10 mg
Reference weight:	yes

Functions	
Counting function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Suspended weighing:	Loop
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes
Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °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:	US EURO UK CH
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:	963-127
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:	3,400 kg
Net weight:	2,300 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 130 mm



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

Revolving screw feet:	yes
Weighing space (ÃxH):	157 43
Weighing surface (d):	106

Piktogramme

STANDARD



OPTION



FACTORY



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Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	5 mg
Readability [d]:	1 mg
Recommended adjusting weight:	200 g (E2); 200 g (E2)
Repeatability:	2 mg
Resolution:	420000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	4 h
Weighing capacity [Max]:	420 g
Weighing system:	Strain gauge
Weighing units:	ozt ffa tl (HK) ct g oz mo lb dwt tl (Singap. Malays) tl (Tw) gn
Display	
Display digit height (large):	2,100 cm
Counting	
Counting resolution:	420000
Mininum piece weight at piece counting (Laboratory:	1 mg
Mininum piece weight at piece counting (Normal):	10 mg
Reference weight:	yes

Functions				
Counting function:	yes			
Percentage determination:	yes			
PRE-TARE function:	yes			
Suspended weighing:	Loop			
Vibration-free weighing (Animal weighing program):	yes			
Weighing with tolerance range:	yes			
Environmental conditions				
Maximum humidity:	80 %			
Maximum operating temperature:	40 °C			
Minimum ambient temperature:	-10 °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:	US EURO UK CH			
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:	963-127			
Category				
Brand:	KERN			
Category:	Balances			
Product Group:				
rioddol Orodp.	Precision balance			
Packaging & shipping	Precision balance			
·	Precision balance 24 h			
Packaging & shipping				
Packaging & shipping Delivery:	24 h			
Packaging & shipping Delivery: Dimensions packaging (WxDxH):	24 h 400 x 340 x 220 mm			
Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	24 h 400 x 340 x 220 mm 3,800 kg			
Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	24 h 400 x 340 x 220 mm 3,800 kg 2,300 kg			
Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	24 h 400 x 340 x 220 mm 3,800 kg 2,300 kg			
Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	24 h 400 x 340 x 220 mm 3,800 kg 2,300 kg Parcel service			
Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	24 h 400 x 340 x 220 mm 3,800 kg 2,300 kg Parcel service Cast aluminium alloys			
Packaging & shippingDelivery:Dimensions packaging (WxDxH):Gross weight:Net weight:Shipping method:ConstructionCasing material:Dimensions draft shield (ÃxH):	24 h 400 x 340 x 220 mm 3,800 kg 2,300 kg Parcel service Cast aluminium alloys 160 0			
Packaging & shippingDelivery:Dimensions packaging (WxDxH):Gross weight:Net weight:Shipping method:ConstructionCasing material:Dimensions draft shield (ÃxH):Dimensions housing (WxDxH):	24 h 400 x 340 x 220 mm 3,800 kg 2,300 kg Parcel service Cast aluminium alloys 160 0 180 x 310 x 85 mm			
Packaging & shippingDelivery:Dimensions packaging (WxDxH):Gross weight:Net weight:Shipping method:ConstructionCasing material:Dimensions draft shield (ÃxH):Dimensions housing (WxDxH):Level indicator:	24 h 400 x 340 x 220 mm 3,800 kg 2,300 kg Parcel service Cast aluminium alloys 160 0 180 x 310 x 85 mm yes			



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

Revolving screw feet:	yes
Weighing space (ÃxH):	157 43
Weighing surface (d):	106

Piktogramme

STANDARD

CAL EXT	KUP	KCP PROTOCOL	and the second	PCS				-√+ ⊙ Э» TOL
	KUP			PLS	RELIPE	PERLENI	UNII	TUL
MOVE	UNDER	MULTI	DMS	1 DAY				

OPTION



FACTORY



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Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	30 mg
Readability [d]:	10 mg
Recommended adjusting weight:	1 kg (F1); 500 g (F1)
Repeatability:	10 mg
Resolution:	160000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	1,600 kg
Weighing system:	Strain gauge
Weighing units:	ozt ffa tl (HK) ct g oz mo lb dwt kg tl (Singap. Malays) tl (Tw)
Display	
Display digit height (large):	2,100 cm
Counting	
Counting resolution:	160000
Mininum piece weight at piece counting (Laboratory:	10 mg

Counting resolution:	160000
Mininum piece weight at piece counting (Laboratory:	10 mg
Mininum piece weight at piece counting (Normal):	100 mg
Reference weight:	yes

Functions	
Counting function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Vibration-free weighing (Animal	yes
weighing program):	
Weighing with tolerance range:	yes
Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °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:	US EURO UK CH
Operating time:	20 h
Operating time (Backlight off):	48 h
Operating time (Backlight on):	24 h
Rechargeable battery:	Rchrg. battery optional
	(factory)
Services (optional)	
Services (optional) DAkkS Certificate:	963-127
	963-127
DAkkS Certificate:	963-127 KERN
DAkkS Certificate: Category	
DAkkS Certificate: Category Brand:	KERN
DAkkS Certificate: Category Brand: Category:	KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group:	KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances Precision balance
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Precision balance 24 h
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel



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

Piktogramme

STANDARD

CAL EXT	KUP	KCP Protocol			% PERCENT	-√+ ⊙ ৢ॥ TOL
^-	7	B				
MOVE	UNDER	MULTI	DMS	1 DAY		

OPTION

J	• 6886 •	•	DAkkS
EASY-T	RS 232	USB	+3 DAYS

FACTORY





Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	30 mg
Readability [d]:	10 mg
Recommended adjusting weight:	2 kg (F1)
Repeatability:	10 mg
Resolution:	240000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	2,400 kg
Weighing system:	Strain gauge
Weighing units:	ozt ffa tl (HK) ct g oz mo lb dwt kg tl (Singap. Malays) tl (Tw)
Display	
Display digit height (large):	2,100 cm
Counting	
Counting resolution:	240000

Counting resolution:	240000
Mininum piece weight at piece counting (Laboratory:	10 mg
Mininum piece weight at piece counting (Normal):	100 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 °C
Minimum ambient temperature:	-10 °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:	US EURO UK CH
Operating time:	20 h
Operating time (Backlight off):	48 h
Operating time (Backlight on):	24 h
Rechargeable battery:	Rchrg. battery optional (factory)
Services (optional)	
Services (optional) DAkkS Certificate:	963-127
	963-127
DAkkS Certificate:	963-127 KERN
DAkkS Certificate: Category	
DAkkS Certificate: Category Brand:	KERN
DAkkS Certificate: Category Brand: Category:	KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group:	KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping	KERN Balances Precision balance
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances Precision balance 24 h
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,100 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,100 kg 2,300 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,100 kg 2,300 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,100 kg 2,300 kg Parcel service
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,100 kg 2,300 kg Parcel service Cast aluminium alloys
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,100 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,100 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,100 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel
DAkkS Certificate: Category Brand: Category: Product Group: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,100 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel 180 x 310 x 90 mm



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

Piktogramme

STANDARD

CAL EXT	KUP	KCP Protocol			% Percent	-√+ ⊙ ৢ৽ TOL
^-	7	B				
MOVE	UNDER	MULTI	DMS	1 DAY		

OPTION

J	• 6886 •	•	DAkkS
EASY-T	RS 232	USB	+3 DAYS

FACTORY





Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	50 mg
Readability [d]:	10 mg
Recommended adjusting weight:	2 kg (F1)
Repeatability:	20 mg
Resolution:	300000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	3 kg
Weighing system:	Strain gauge
Weighing units:	ozt ffa tl (HK) ct g oz mo lb dwt kg tl (Singap. Malays) tl (Tw)
Display	
Display digit height (large):	2,100 cm
Counting	
Counting resolution:	300000
	40

Counting resolution:	300000
Mininum piece weight at piece counting (Laboratory:	10 mg
Mininum piece weight at piece counting (Normal):	100 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 °C
Minimum ambient temperature:	-10 °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:	US EURO UK CH
Operating time:	20 h
Operating time (Backlight off):	48 h
Operating time (Backlight on):	24 h
Rechargeable battery:	Rchrg. battery optional (factory)
Services (optional)	
Services (optional) DAkkS Certificate:	963-127
	963-127
DAkkS Certificate:	963-127 KERN
DAkkS Certificate: Category	
DAkkS Certificate: Category Brand:	KERN
DAkkS Certificate: Category Brand: Category:	KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group:	KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping	KERN Balances Precision balance
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances Precision balance 24 h
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes
DAkkS Certificate: Category Brand: Category: Product Group: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel 180 x 310 x 90 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel



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

Piktogramme

STANDARD

CAL EXT	0 060	GLP PRINTER	PCS	RECIPE	% PERCENT	ວັງ» TOL
	5	DMS	1 DAY			

OPTION

J	• 6884.•	•	DAkkS
EASY-T	RS 232	USB	+3 DAYS

FACTORY





Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	50 mg
Readability [d]:	10 mg
Recommended adjusting weight:	4 kg (E2)
Repeatability:	20 mg
Resolution:	420000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	4 h
Weighing capacity [Max]:	4,200 kg
Weighing system:	Strain gauge
Weighing units:	ozt ffa tl (HK) ct g oz mo lb dwt kg tl (Singap. Malays) tl (Tw)
Display	
Display digit height (large):	2,100 cm
Counting	
Counting resolution:	420000

Counting resolution:	420000
Mininum piece weight at piece counting (Laboratory:	10 mg
Mininum piece weight at piece counting (Normal):	100 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 °C
Minimum ambient temperature:	-10 °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:	US EURO UK CH
Operating time:	20 h
Operating time (Backlight off):	48 h
Operating time (Backlight on):	24 h
Rechargeable battery:	Rchrg. battery optional (factory)
Services (optional)	
Services (optional) DAkkS Certificate:	963-127
	963-127
DAkkS Certificate:	963-127 KERN
DAkkS Certificate: Category	
DAkkS Certificate: Category Brand:	KERN
DAkkS Certificate: Category Brand: Category:	KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group:	KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping	KERN Balances Precision balance
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances Precision balance 24 h
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel
DAkkS Certificate: Category Brand: Category: Product Group: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,300 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel 180 x 310 x 90 mm



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

Piktogramme

STANDARD

CAL EXT	0 060	GLP PRINTER	PCS	RECIPE	% PERCENT	ວັງ» TOL
	5	DMS	1 DAY			

OPTION

Ŀ	• 6864.•	•	DAkkS	
EASY-T	RS 232	USB	+3 DAYS	

FACTORY





Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	300 mg
Linearity:	300 mg
Readability [d]:	100 mg
Recommended adjusting weight:	10 kg (F1)
Repeatability:	100 mg
Resolution:	100000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	10 kg
Weighing system:	Strain gauge
Weighing units:	ozt ffa tl (HK) ct g oz mo lb dwt kg tl (Singap. Malays) tl (Tw)
Display	
Display digit height (large):	2,100 cm
Counting	
Counting resolution:	100000
Mininum piece weight at piece	100 mg

o our ang roooradon.	100000
Mininum piece weight at piece counting (Laboratory:	100 mg
Mininum piece weight at piece counting (Normal):	1 g
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 °C
Minimum ambient temperature:	-10 °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:	US EURO UK CH
Operating time:	20 h
Operating time (Backlight off):	48 h
Operating time (Backlight on):	24 h
Rechargeable battery:	Rchrg. battery optional (factory)
Services (optional)	
Services (optional) DAkkS Certificate:	963-128
DAkkS Certificate:	963-128
DAkkS Certificate: Category	
DAkkS Certificate: Category Brand:	KERN
DAkkS Certificate: Category	
DAkkS Certificate: Category Brand: Category:	KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping	KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances Precision balance 24 h
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,700 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,700 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,700 kg Parcel service
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,700 kg Parcel service Cast aluminium alloys
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes
DAkkS Certificate: Category Brand: Category: Product Group: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel 180 x 310 x 90 mm



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

Piktogramme

STANDARD

CAL EXT	0 060	GLP PRINTER	PCS	RECIPE	% PERCENT	ວັງ» TOL
	5	DMS	1 DAY			

OPTION

J	• 6884.•	•	DAkkS
EASY-T	RS 232	USB	+3 DAYS

FACTORY





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:	ozt ffa tl (HK) ct g oz mo lb dwt kg tl (Singap. Malays) tl (Tw)
Display	
Display digit height (large):	2,100 cm
Counting	

eeuning	
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 °C
Minimum ambient temperature:	-10 °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:	US EURO UK CH
Operating time:	20 h
Operating time (Backlight off):	48 h
Operating time (Backlight on):	24 h
Rechargeable battery:	Rchrg. battery optional (factory)
Services (optional)	
Services (optional) DAkkS Certificate:	963-128
	963-128
DAkkS Certificate:	963-128 KERN
DAkkS Certificate: Category Brand:	
DAkkS Certificate: Category	KERN
DAkkS Certificate: Category Brand: Category:	KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group:	KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances Precision balance
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes
DAkkS Certificate: Category Brand: Category: Product Group: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel 180 x 310 x 90 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel



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

Piktogramme

STANDARD

CAL EXT	0 060	GLP PRINTER	PCS	RECIPE	% PERCENT	ວັງ» TOL
	5	DMS	1 DAY			

OPTION

Ŀ	• 6864.•	•	DAkkS
EASY-T	RS 232	USB	+3 DAYS

FACTORY



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



Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	500 mg
Linearity:	300 mg
Readability [d]:	100 mg
Recommended adjusting weight:	5 kg (F1); 10 kg (F1)
Repeatability:	100 mg
Resolution:	160000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	16 kg
Weighing system:	Strain gauge
Weighing units:	ozt ffa tl (HK) ct g oz mo lb dwt kg tl (Singap. Malays) tl (Tw)
Display	
Display digit height (large):	2,100 cm
Counting	
Counting resolution:	160000
Mininum piece weight at piece counting (Laboratory:	100 mg
Mininum piece weight at piece	

counting (Normal):

Reference weight:

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 °C
Minimum ambient temperature:	-10 °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:	US EURO UK CH
Operating time:	20 h
Operating time (Backlight off):	48 h
Operating time (Backlight on):	24 h
Rechargeable battery:	Rchrg. battery optional
	(factory)
Services (optional)	
Services (optional) DAkkS Certificate:	963-128
	963-128
DAkkS Certificate:	963-128 KERN
DAkkS Certificate: Category	
DAkkS Certificate: Category Brand:	KERN
DAkkS Certificate: Category Brand: Category:	KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping	KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances Precision balance
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH):	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator:	KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes

yes



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

Piktogramme

STANDARD

CAL EXT	KUP	KCP Protocol			% Percent	-√+ ⊙ ৢ৽ TOL
^-	7	B				
MOVE	UNDER	MULTI	DMS	1 DAY		

OPTION

J	• 6886 •	•	DAkkS
EASY-T	RS 232	USB	+3 DAYS

FACTORY





Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	250 mg
Linearity:	250 mg
Readability [d]:	50 mg
Recommended adjusting weight:	20 kg (F1)
Repeatability:	100 mg
Resolution:	400000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	4 h
Weighing capacity [Max]:	20 kg
Weighing system:	Strain gauge
Weighing units:	ozt ffa tl (HK) ct g oz mo lb dwt kg tl (Singap. Malays) tl (Tw)
Display	
Display digit height (large):	2,100 cm
Counting	
Counting recolution	100000

Counting resolution:	400000
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 °C
Minimum ambient temperature:	-10 °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:	US EURO UK CH
Operating time:	20 h
Operating time (Backlight off):	48 h
Operating time (Backlight on):	24 h
Rechargeable battery:	Rchrg. battery optional (factory)
	(
Services (optional)	(
Services (optional) DAkkS Certificate:	963-128
DAkkS Certificate:	
DAkkS Certificate: Category	963-128
DAkkS Certificate: Category Brand:	963-128 KERN
DAkkS Certificate: Category Brand: Category:	963-128 KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group:	963-128 KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping	963-128 KERN Balances Precision balance
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery:	963-128 KERN Balances Precision balance 24 h
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,700 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,700 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,700 kg Parcel service
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator:	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,700 kg Parcel service Cast aluminium alloys
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate:	963-128 963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,700 kg Parcel service Parcel service
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator:	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,400 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes



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

Piktogramme

STANDARD

CAL EXT	KUP	KCP Protocol			% Percent	-√+ ⊙ ৢ৽ TOL
^-	7	B				
MOVE	UNDER	MULTI	DMS	1 DAY		

OPTION

Ŀ	• 6864.•	•	DAkkS
EASY-T	RS 232	USB	+3 DAYS

FACTORY





Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	500 mg
Linearity:	300 mg
Readability [d]:	100 mg
Recommended adjusting weight:	20 kg (F1)
Repeatability:	100 mg
Resolution:	240000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	24 kg
Weighing system:	Strain gauge
Weighing units:	ozt ffa tl (HK) ct g oz mo dwt lb kg tl (Singap. Malays) tl (Tw)
Display	
Display digit height (large):	2,100 cm
Counting	

eeanning	
Counting resolution:	240000
Mininum piece weight at piece counting (Laboratory:	100 mg
Mininum piece weight at piece counting (Normal):	1 g
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 °C
Minimum ambient temperature:	-10 °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:	US EURO UK CH
Operating time:	20 h
Operating time (Backlight off):	48 h
Operating time (Backlight on):	24 h
Rechargeable battery:	Rchrg. battery optional
	(factory)
Services (optional)	(lactory)
Services (optional) DAkkS Certificate:	963-128
DAkkS Certificate:	
DAkkS Certificate: Category	963-128
DAkkS Certificate: Category Brand:	963-128 KERN
DAkkS Certificate: Category Brand: Category:	963-128 KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping	963-128 KERN Balances
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery:	963-128 KERN Balances Precision balance
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH):	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator:	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate:	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator:	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Level indicator: Material weighing plate: Overall dimensions mounted	963-128 KERN Balances Precision balance 24 h 400 x 340 x 220 mm 4,800 kg 2,700 kg Parcel service Cast aluminium alloys 180 x 310 x 85 mm yes stainless steel



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

Piktogramme

STANDARD

CAL EXT	0 060	GLP PRINTER	PCS	RECIPE	% PERCENT	ວັງ» TOL
	5	DMS	1 DAY			

OPTION

Ŀ	• 6864.•	•	DAkkS
EASY-T	RS 232	USB	+3 DAYS

FACTORY

KERN 573-34



All-rounder e.g. as precision balance in the laboratory or in harsh industrial applications



Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	30 mg
Linearity:	30 mg
Readability [d]:	10 mg
Recommended adjusting weight:	600 g (F1)
Repeatability:	10 mg
Resolution:	65000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	650 g
Weighing system:	Strain gauge
Weighing units:	kg g
Display	

Counting

Display digit height (large):

Counting		
Counting resolution:	65000	
Mininum piece weight at piece counting (Laboratory:	10 mg	
Mininum piece weight at piece counting (Normal):	100 mg	

1,800 cm

Functions		
Counting function:	yes	
Percentage determination:	yes	
PRE-TARE function:	yes	

Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	10 °C
Power supply	
Charging time:	10 h
Input voltage:	100V-230V
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH US UK
Operating time (Backlight off):	30 h
Operating time (Backlight on):	15 h
Services (optional)	
DAkkS Certificate:	963-127
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:	4,600 kg
Net weight:	2,300 kg
Shipping method:	Parcel service
Construction	
Casing material:	Cast aluminium alloys
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing surface (d):	
	150



OPTION

E D	DAkkS
ACCU	+3 DAYS

KERN 573-46



All-rounder e.g. as precision balance in the laboratory or in harsh industrial applications



Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	300 mg
Linearity:	300 mg
Readability [d]:	100 mg
Recommended adjusting weight:	6 kg (F1)
Repeatability:	100 mg
Resolution:	65000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	6,500 kg
Weighing system:	Strain gauge
Weighing units:	kg g
Display	

Counting

Display digit height (large):

Counting		
Counting resolution:	65000	
Mininum piece weight at piece counting (Laboratory:	100 mg	
Mininum piece weight at piece counting (Normal):	1 g	

1,800 cm

Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	10 °C
Deverence	
Power supply	
Charging time:	10 h
Input voltage:	100V-230V
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH US UK
Operating time (Backlight off):	30 h
Operating time (Backlight on):	15 h
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:	4,600 kg
Net weight:	2,700 kg
Shipping method:	Parcel service
Construction	
Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	180 x 310 x 90 mm
Material weighing plate:	stainless steel
Weighing surface (WxD):	160 x 200 mm
Piktogramme	



OPTION

m	DAkkS
ACCU	+3 DAYS