KERN **572-30**

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]:	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 $^\circ$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:	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

KERN **572-30**

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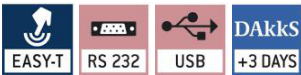
Revolving screw feet:	yes
Weighing space (ÃxH):	157 | 43
Weighing surface (d):	106

Piktogramme

STANDARD

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

MOVE	UNDER	MULTI	DMS	1 DAY

OPTION

EASY-T	RS 232	USB	DAkkS +3 DAYS

FACTORY

ACCU

KERN 572-31

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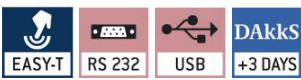
Revolving screw feet:	yes
Weighing space (ÃxH):	157 | 43
Weighing surface (d):	106

Piktogramme

STANDARD

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

KERN **572-32**

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]:	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 $^\circ$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:	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:	3,800 kg
Net weight:	2,300 kg
Shipping method:	Parcel service

Construction

Casing material:	Cast aluminium alloys
Dimensions draft shield (ÃxH):	160	0
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

KERN **572-32**

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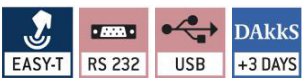
Revolving screw feet:	yes
Weighing space (ÃxH):	157 | 43
Weighing surface (d):	106

Piktogramme

STANDARD

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

MOVE	UNDER	MULTI	DMS	1 DAY

OPTION

EASY-T	RS 232	USB	DAkkS +3 DAYS

FACTORY

ACCU

KERN 572-33

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]:	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
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)

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

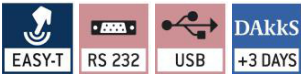|	
Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	180 x 310 x 85 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	180 x 310 x 90 mm
Revolving screw feet:	yes
Weighing surface (d):	150

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 | GLP PRINTER | PCS | RECIPE | PERCENT | UNIT | TOL |

| MOVE | UNDER | MULTI | DMS | 1 DAY |

OPTION

| EASY-T | RS 232 | USB | DAkkS +3 DAYS |

FACTORY

| ACCU |

KERN **572-35**

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]:	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
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)

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:	4,100 kg
Net weight:	2,300 kg
Shipping method:	Parcel service

Construction

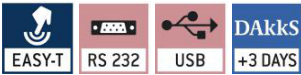|	
Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	180 x 310 x 85 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	180 x 310 x 90 mm
Revolving screw feet:	yes
Weighing surface (d):	150

KERN **572-35**

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	GLP PRINTER	PCS	RECIPE	PERCENT	UNIT	TOL

MOVE	UNDER	MULTI	DMS	1 DAY

OPTION

EASY-T	RS 232	USB	DAkkS +3 DAYS

FACTORY

ACCU

KERN 572-37

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]:	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
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)

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

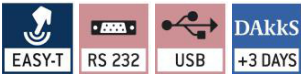|	
Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	180 x 310 x 85 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	180 x 310 x 90 mm
Revolving screw feet:	yes
Weighing surface (d):	150

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	GLP PRINTER	PCS	RECIPE	PERCENT	UNIT	TOL

MOVE	UNDER	MULTI	DMS	1 DAY

OPTION

EASY-T	RS 232	USB	DAkkS +3 DAYS

FACTORY

ACCU

KERN 572-39

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]:	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
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)

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

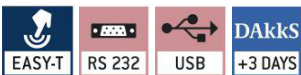|	
Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	180 x 310 x 85 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	180 x 310 x 90 mm
Revolving screw feet:	yes
Weighing surface (d):	150

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 | GLP PRINTER | PCS | RECIPE | PERCENT | UNIT | TOL |

| MOVE | UNDER | MULTI | DMS | 1 DAY |

OPTION

| EASY-T | RS 232 | USB | DAkkS +3 DAYS |

FACTORY

| ACCU |

KERN 572-43

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

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:	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:	963-128

Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

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)

Packaging & shipping

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

Display

Display digit height (large):	2,100 cm

Counting

Counting resolution:	100000
Mininum piece weight at piece counting (Laboratory:	100 mg
Mininum piece weight at piece counting (Normal):	1 g
Reference weight:	yes

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

KERN **572-43**

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	GLP PRINTER	PCS	RECIPE	PERCENT	UNIT	TOL

MOVE	UNDER	MULTI	DMS	1 DAY

OPTION

EASY-T	RS 232	USB	DAkkS +3 DAYS

FACTORY

ACCU

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

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

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)

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

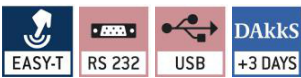|	
Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	180 x 310 x 85 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	180 x 310 x 90 mm
Revolving screw feet:	yes
Weighing surface (WxD):	160 x 200 mm

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

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

KERN 572-49

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):	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 $^{\circ}$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:	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:	963-128

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

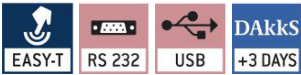|	
Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	180 x 310 x 85 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing surface (WxD):	160 x 200 mm

KERN **572-49**

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	GLP PRINTER	PCS	RECIPE	PERCENT	UNIT	TOL

MOVE	UNDER	MULTI	DMS	1 DAY

OPTION

EASY-T	RS 232	USB	DAkkS +3 DAYS

FACTORY

ACCU

KERN 572-55

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]:	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 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 $^{\circ}$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:	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:	963-128

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:	4,400 kg
Net weight:	2,700 kg
Shipping method:	Parcel service

Construction

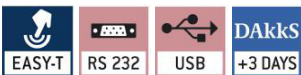|	
Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	180 x 310 x 85 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing surface (WxD):	160 x 200 mm

KERN **572-55**

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 | GLP PRINTER | PCS | RECIPE | PERCENT | UNIT | TOL |
| MOVE | UNDER | MULTI | DMS | 1 DAY | | | | |

OPTION

| EASY-T | RS 232 | USB | DAkkS +3 DAYS |

FACTORY

| ACCU |

KERN 572-57

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]:	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

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)

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

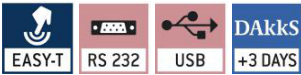|	
Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	180 x 310 x 85 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	180 x 310 x 90 mm
Revolving screw feet:	yes
Weighing surface (WxD):	160 x 200 mm

KERN **572-57**

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®

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

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

Display digit height (large):	1,800 cm

Counting

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

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

Piktogramme

STANDARD

CAL EXT · RS 232 · GLP PRINTER · PCS · RECIPE · PERCENT · UNIT · MOVE · UNDER
MULTI · DMS · 1 DAY

OPTION

ACCU · DAkkS +3 DAYS

KERN 573-46

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

KERN®

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

Display digit height (large):	1,800 cm

Counting

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

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:	963-128

Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

Packaging & shipping
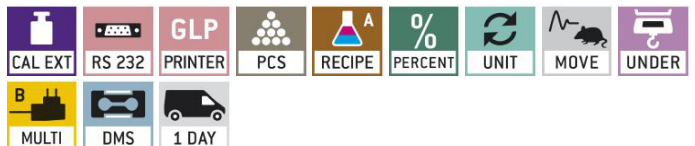
Delivery:	24 h
Dimensions packaging (WxDxH):	400 x 340 x 220 mm
Gross weight:	4,600 kg
Net weight:	2,700 kg
Shipping method:	Parcel service

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

STANDARD

CAL EXT · RS 232 · GLP PRINTER · PCS · RECIPE · PERCENT · UNIT · MOVE · UNDER
MULTI · DMS · 1 DAY

OPTION

ACCU · DAkkS +3 DAYS