

# KERN PCD10K-3

High-resolution precision balance with removable display for maximum flexibility



## Functions

Counting function:	yes
Peak function:	yes
Percentage determination:	yes
Vibration-free weighing (Animal weighing program):	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	5 °C

## Power supply

Battery:	9 V Block
Charging time:	10 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US UK EURO CH
Operating time:	12 h
Operating time (Backlight off):	24 h
Operating time (Backlight on):	12 h
Rechargeable battery:	Rchrg. battery optional

## Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate:	963-128
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## Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	250 x 360 x 165 mm
Gross weight:	2,469 kg
Net weight:	1,661 kg
Shipping method:	Parcel service

## Construction

Cable length of display device:	1,200 m
Casing material:	Plastic
Dimensions device (WxDxH):	165 x 280 x 75 mm
Dimensions housing (WxDxH):	165 x 280 x 75 mm
Dimensions of display device (WxDxH):	140 x 46 x 75 mm
Dimensions of weighing plate (WxDxH):	165 x 165 x 73 mm

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 g
Linearity:	3 g
Readability [d]:	1 g
Recommended adjusting weight:	10 kg (M1)
Repeatability:	1 g
Resolution:	10000
Stabilisation time under laboratory conditions:	3 s
Tare range:	10 kg
Warm up time:	30 min
Weighing capacity [Max]:	10 kg
Weighing system:	Strain gauge
Weighing units:	ffa tl (Tw) oz ozt tl (HK) tol g mo lb dwt

## Display

Display digit height (large):	2,100 cm
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## Counting

Counting resolution:	5000
Minimum piece weight at piece counting (Laboratory):	2 g
Minimum piece weight at piece counting (Normal):	20 g

# KERN PCD10K-3



High-resolution precision balance with removable display for maximum flexibility

of stand:	25 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	165 x 280 x 75 mm
Revolving screw feet:	yes
Weighing surface (WxD):	160 x 160 mm

## Piktogramme

### STANDARD



### OPTION



# KERN PCD10K0.1

High-resolution precision balance with removable display for maximum flexibility



## Functions

Counting function:	yes
Peak function:	yes
Percentage determination:	yes
Vibration-free weighing (Animal weighing program):	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	5 °C

## Power supply

Battery:	9 V Block
Charging time:	10 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US UK EURO CH
Operating time:	12 h
Operating time (Backlight off):	24 h
Operating time (Backlight on):	12 h
Rechargeable battery:	Rchrg. battery optional

## Services (optional)

DAkkS Certificate:	963-128
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## Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	245 x 350 x 170 mm
Gross weight:	2,354 kg
Net weight:	1,805 kg
Shipping method:	Parcel service

## Construction

Cable length of display device:	1,200 m
Casing material:	Plastic
Dimensions device (WxDxH):	165 x 280 x 75 mm
Dimensions housing (WxDxH):	165 x 280 x 75 mm
Dimensions of display device (WxDxH):	140 x 46 x 75 mm
Dimensions of weighing plate (WxDxH):	165 x 165 x 73 mm

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	500 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
Tare range:	10 kg
Warm up time:	2 h
Weighing capacity [Max]:	10 kg
Weighing system:	Strain gauge
Weighing units:	ffa tl (Tw) oz ozt tl (HK) tol g mo lb dwt

## Display

Display digit height (large):	2,100 cm
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## Counting

Counting resolution:	50000
Minimum piece weight at piece counting (Laboratory):	200 mg
Minimum piece weight at piece counting (Normal):	2 g

# KERN PCD10K0.1



High-resolution precision balance with removable display for maximum flexibility

of stand:	25 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	165 x 280 x 75 mm
Revolving screw feet:	yes
Weighing surface (WxD):	160 x 160 mm

## Piktogramme

### STANDARD



### OPTION



# KERN PCD250-3

High-resolution precision balance with removable display for maximum flexibility



## Functions

Counting function:	yes
Peak function:	yes
Percentage determination:	yes
Vibration-free weighing (Animal weighing program):	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	5 °C

## Power supply

Battery:	9 V Block
Charging time:	10 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	US UK EURO CH
Operating time:	12 h
Operating time (Backlight off):	24 h
Operating time (Backlight on):	12 h
Rechargeable battery:	Rchrg. battery optional

## Services (optional)

DAkkS Certificate:	963-127
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## Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	238 x 357 x 180 mm
Gross weight:	1,800 kg
Net weight:	1,100 kg
Shipping method:	Parcel service

## Construction

Cable length of display device:	1,200 m
Casing material:	Plastic
Dimensions device (WxDxH):	165 x 280 x 75 mm
Dimensions draft shield (WxDxH):	157 x 157 x 80 mm
Dimensions housing (WxDxH):	165 x 280 x 75 mm
Dimensions of display device (WxDxH):	140 x 46 x 82 mm

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	5 mg
Readability [d]:	1 mg
Recommended adjusting weight:	250 g (F1)
Repeatability:	2 mg
Resolution:	250000
Stabilisation time under laboratory conditions:	3 s
Tare range:	250 g
Warm up time:	2 h
Weighing capacity [Max]:	250 g
Weighing system:	Strain gauge
Weighing units:	ffa ct tl (Tw) gn oz ozt tl (HK) tol g mo dwt

## Display

Display digit height (large):	2,100 cm
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## Counting

Counting resolution:	125000
Minimum piece weight at piece counting (Laboratory):	2 mg
Minimum piece weight at piece counting (Normal):	20 mg

# KERN PCD250-3



High-resolution precision balance with removable display for maximum flexibility

of stand:	25 cm
Level indicator:	yes
Overall dimensions mounted (WxDxH):	165 x 280 x 141 mm
Revolving screw feet:	yes
Weighing space (WxDxH):	146 x 146 x 80 mm
Weighing surface (d):	105

## Piktogramme

### STANDARD



### OPTION



# KERN PCD2500-2

High-resolution precision balance with removable display for maximum flexibility



## Functions

Counting function:	yes
Peak function:	yes
Percentage determination:	yes
Vibration-free weighing (Animal weighing program):	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	5 °C

## Power supply

Battery:	9 V Block
Charging time:	10 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US UK EURO CH
Operating time:	12 h
Operating time (Backlight off):	24 h
Operating time (Backlight on):	12 h
Rechargeable battery:	Rchrg. battery optional

## Services (optional)

DAkkS Certificate:	963-127
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## Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	246 x 357 x 160 mm
Gross weight:	2,360 kg
Net weight:	1,700 kg
Shipping method:	Parcel service

## Construction

Cable length of display device:	1,200 m
Casing material:	Plastic
Dimensions device (WxDxH):	165 x 280 x 75 mm
Dimensions housing (WxDxH):	165 x 280 x 75 mm
Dimensions of display device (WxDxH):	140 x 46 x 75 mm
Dimensions of weighing plate (WxDxH):	161 x 161 x 7 mm

## 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:	250000
Stabilisation time under laboratory conditions:	3 s
Tare range:	2,500 kg
Warm up time:	2 h
Weighing capacity [Max]:	2,500 kg
Weighing system:	Strain gauge
Weighing units:	ffa ct gn oz ozt tl (HK) tol g mo tl (Singap. Malays) dwt

## Display

Display digit height (large):	2,100 cm
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## Counting

Counting resolution:	125000
Minimum piece weight at piece counting (Laboratory):	20 mg
Minimum piece weight at piece counting (Normal):	200 mg

# KERN PCD2500-2



High-resolution precision balance with removable display for maximum flexibility

of stand:	25 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	165 x 280 x 75 mm
Revolving screw feet:	yes
Weighing surface (WxD):	160 x 160 mm

## Piktogramme

### STANDARD



### OPTION





# KERN PCD300-3

High-resolution precision balance with removable display for maximum flexibility



## Functions

Counting function:	yes
Peak function:	yes
Percentage determination:	yes
Vibration-free weighing (Animal weighing program):	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	5 °C

## Power supply

Battery:	9 V Block
Charging time:	10 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	US UK EURO CH
Operating time:	12 h
Operating time (Backlight off):	24 h
Operating time (Backlight on):	12 h
Rechargeable battery:	Rchrg. battery optional

## Services (optional)

DAkkS Certificate:	963-127
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## Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	240 x 530 x 160 mm
Gross weight:	2,400 kg
Net weight:	1 kg
Shipping method:	Parcel service

## Construction

Cable length of display device:	1,200 m
Casing material:	Plastic
Dimensions device (WxDxH):	165 x 280 x 75 mm
Dimensions draft shield (WxDxH):	157 x 157 x 80 mm
Dimensions housing (WxDxH):	165 x 280 x 75 mm
Dimensions of display device (WxDxH):	140 x 46 x 75 mm

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	5 mg
Readability [d]:	1 mg
Recommended adjusting weight:	350 g (F1)
Repeatability:	2 mg
Resolution:	350000
Stabilisation time under laboratory conditions:	4 s
Tare range:	350 g
Warm up time:	2 h
Weighing capacity [Max]:	350 g
Weighing system:	Strain gauge
Weighing units:	ffa ct tl (Tw) gn oz ozt tl (HK) tol g mo dwt

## Display

Display digit height (large):	2,100 cm
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## Counting

Counting resolution:	175000
Minimum piece weight at piece counting (Laboratory):	2 mg
Minimum piece weight at piece counting (Normal):	20 mg

# KERN PCD300-3



High-resolution precision balance with removable display for maximum flexibility

of stand:	25 cm
Level indicator:	yes
Material weighing plate:	Plastic
Overall dimensions mounted (WxDxH):	165 x 280 x 141 mm
Revolving screw feet:	yes
Weighing space (WxDxH):	146 x 146 x 80 mm
Weighing surface (d):	105

## Piktogramme

### STANDARD



### OPTION



# KERN PCD3000-2

High-resolution precision balance with removable display for maximum flexibility



## Functions

Counting function:	yes
Peak function:	yes
Percentage determination:	yes
Vibration-free weighing (Animal weighing program):	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	5 °C

## Power supply

Battery:	9 V Block
Charging time:	10 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	US UK EURO CH
Operating time:	12 h
Operating time (Backlight off):	24 h
Operating time (Backlight on):	12 h
Rechargeable battery:	Rchrg. battery optional

## Services (optional)

DAkkS Certificate:	963-127
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## Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	245 x 360 x 170 mm
Gross weight:	2,699 kg
Net weight:	1,939 kg
Shipping method:	Parcel service

## Construction

Cable length of display device:	1,200 m
Casing material:	Plastic
Dimensions device (WxDxH):	165 x 280 x 75 mm
Dimensions housing (WxDxH):	165 x 280 x 75 mm
Dimensions of display device (WxDxH):	140 x 46 x 75 mm
Dimensions of weighing plate (WxDxH):	161 x 161 x 7 mm

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	50 mg
Readability [d]:	10 mg
Recommended adjusting weight:	3 kg (F1)
Repeatability:	20 mg
Resolution:	350000
Stabilisation time under laboratory conditions:	3 s
Tare range:	3,500 kg
Warm up time:	2 h
Weighing capacity [Max]:	3,500 kg
Weighing system:	Strain gauge
Weighing units:	ffa ct tl (Tw) gn oz ozt tl (HK) tol g mo tl (Singap. Malays) dwt

## Display

Display digit height (large):	2,100 cm
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## Counting

Counting resolution:	175000
Minimum piece weight at piece counting (Laboratory):	20 mg
Minimum piece weight at piece counting (Normal):	200 mg

# KERN PCD3000-2



High-resolution precision balance with removable display for maximum flexibility

of stand:	25 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	165 x 280 x 75 mm
Revolving screw feet:	yes
Weighing surface (WxD):	160 x 160 mm

## Piktogramme

### STANDARD



### OPTION



# KERN PCD6K-4

High-resolution precision balance with removable display for maximum flexibility

# KERN®



## Functions

Counting function:	yes
Peak function:	yes
Percentage determination:	yes
Vibration-free weighing (Animal weighing program):	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	5 °C

## Power supply

Battery:	9 V Block
Charging time:	10 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US UK EURO CH
Operating time:	12 h
Operating time (Backlight off):	24 h
Operating time (Backlight on):	12 h
Rechargeable battery:	Rchrg. battery optional

## Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate:	963-128
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## Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	250 x 360 x 160 mm
Gross weight:	2,175 kg
Net weight:	1,700 kg
Shipping method:	Parcel service

## Construction

Cable length of display device:	1,200 m
Casing material:	Plastic
Dimensions device (WxDxH):	165 x 280 x 75 mm
Dimensions housing (WxDxH):	165 x 280 x 75 mm
Dimensions of display device (WxDxH):	140 x 46 x 75 mm
Dimensions of weighing plate (WxDxH):	161 x 161 x 7 mm

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	500 mg
Linearity:	300 mg
Readability [d]:	100 mg
Recommended adjusting weight:	6 kg (F1)
Repeatability:	100 mg
Resolution:	60000
Stabilisation time under laboratory conditions:	3 s
Tare range:	6 kg
Warm up time:	2 h
Weighing capacity [Max]:	6 kg
Weighing system:	Strain gauge
Weighing units:	ffa ct gn oz ozt tl (HK) tol g mo tl (Singap. Malays) dwt

## Display

Display digit height (large):	2,100 cm
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## Counting

Counting resolution:	30000
Minimum piece weight at piece counting (Laboratory):	200 mg
Minimum piece weight at piece counting (Normal):	2 g

# KERN PCD6K-4



High-resolution precision balance with removable display for maximum flexibility

of stand:	25 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	165 x 280 x 75 mm
Revolving screw feet:	yes
Weighing surface (WxD):	160 x 160 mm

## Piktogramme

### STANDARD



### OPTION

