

# KERN PEJ2200-2M

Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]



## Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	20 mg
Linearity:	20 mg
Minimum weight (USP):	20 g
Readability [d]:	10 mg
Repeatability:	10 mg
Resolution:	220000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	2,200 kg
Weighing units:	ct kg g

## Display

Display digit height (large):	1,400 cm
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## Technical data about verification

Minimum load [Min]:	500 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	II
Verification value [e]:	100 mg

## Counting

Counting resolution:	220000
Minimum piece weight at piece counting (Laboratory):	10 mg
Minimum piece weight at piece counting (Normal):	100 mg

## Functions

Capacity display:	yes
Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH

## Services (optional)

DAkkS Certificate:	963-127
Verification:	965-216

## Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	330 x 440 x 220 mm
Gross weight:	7,500 kg
Net weight:	6,100 kg
Shipping method:	Parcel service

## Construction

Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	220 x 340 x 95 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	220 x 333 x 93 mm
Weighing surface (WxD):	200 x 200 mm

# KERN PEJ2200-2M



Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN PEJ4200-2M

Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]



## Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	300 mg
Linearity:	20 mg
Minimum weight (USP):	20 g
Readability [d]:	10 mg
Repeatability:	10 mg
Resolution:	420000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	4 h
Weighing capacity [Max]:	4,200 kg
Weighing units:	ct kg g

## Display

Display digit height (large):	1,400 cm
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## Technical data about verification

Minimum load [Min]:	500 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	II
Verification value [e]:	100 mg

## Counting

Counting resolution:	420000
Minimum piece weight at piece counting (Laboratory):	10 mg
Minimum piece weight at piece counting (Normal):	100 mg

## Functions

Capacity display:	yes
Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH

## Services (optional)

DAkkS Certificate:	963-127
Verification:	965-216

## Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	330 x 440 x 230 mm
Gross weight:	7,150 kg
Net weight:	6,100 kg
Shipping method:	Parcel service

## Construction

Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	220 x 333 x 95 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	220 x 333 x 93 mm
Weighing surface (WxD):	200 x 200 mm

# KERN PEJ4200-2M



Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN PEJ620-3M

Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]



## Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	3 mg
Linearity:	3 mg
Minimum weight (USP):	2 g
Readability [d]:	1 mg
Repeatability:	1 mg
Resolution:	620000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	4 h
Weighing capacity [Max]:	620 g
Weighing units:	ct kg g

## Display

Display digit height (large):	1,300 cm
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## Technical data about verification

Minimum load [Min]:	100 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	I
Verification value [e]:	10 mg

## Counting

Counting resolution:	620000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg

## Functions

Capacity display:	yes
Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH

## Services (optional)

DAkkS Certificate:	963-103
Verification:	965-201

## Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	330 x 440 x 225 mm
Gross weight:	6,200 kg
Net weight:	4,300 kg
Shipping method:	Parcel service

## Construction

Casing material:	Cast aluminium alloys
Dimensions draft shield (WxDxH):	175 x 155 x 105 mm
Dimensions housing (WxDxH):	220 x 333 x 93 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	170 x 150 x 100 mm
Weighing surface (WxD):	140 x 120 mm

# KERN PEJ620-3M



Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN PES15000-1M

Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]



## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	300 mg
Linearity:	200 mg
Minimum weight (USP):	200 g
Readability [d]:	100 mg
Recommended adjusting weight:	10 kg (F1); 5 kg (F1)
Repeatability:	100 mg
Resolution:	150000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	15 kg
Weighing units:	ct kg g

## Display

Display digit height (large):	1,300 cm
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## Technical data about verification

Verification class:	II
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## Counting

Counting resolution:	150000
Minimum piece weight at piece counting (Laboratory):	100 mg
Minimum piece weight at piece counting (Normal):	1 g

## Functions

Capacity display:	yes
Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Charging time:	15 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH
Operating time (Backlight off):	32 h
Operating time (Backlight on):	6 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):	335 x 445 x 220 mm
Gross weight:	5,692 kg
Net weight:	4,284 kg
Shipping method:	Parcel service

## Construction

Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	220 x 333 x 93 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	220 x 333 x 93 mm
Weighing surface (WxD):	200 x 200 mm

# KERN PES15000-1M



Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]

## Piktogramme

### STANDARD



### OPTION



### FACTORY





# KERN PES2200-2M

Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]



## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	20 mg
Linearity:	20 mg
Minimum weight (USP):	20 g
Readability [d]:	10 mg
Recommended adjusting weight:	2 kg (F1)
Repeatability:	10 mg
Resolution:	220000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	2,200 kg
Weighing units:	ct kg g

## Display

Display digit height (large):	1,300 cm
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## Technical data about verification

Verification class:	II
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## Counting

Counting resolution:	220000
Minimum piece weight at piece counting (Laboratory):	10 mg
Minimum piece weight at piece counting (Normal):	100 mg

## Functions

Capacity display:	yes
Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Charging time:	15 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH
Operating time (Backlight off):	32 h
Operating time (Backlight on):	6 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):	330 x 440 x 215 mm
Gross weight:	5,678 kg
Net weight:	4,288 kg
Shipping method:	Parcel service

## Construction

Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	220 x 339 x 80 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	220 x 333 x 93 mm
Weighing surface (WxD):	200 x 200 mm

# KERN PES2200-2M



Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN PES31000-1M

Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]



## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	300 mg
Linearity:	400 mg
Minimum weight (USP):	200 g
Readability [d]:	100 mg
Recommended adjusting weight:	20 kg (F1); 10 kg (F1)
Repeatability:	100 mg
Resolution:	310000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	31 kg
Weighing units:	ct kg g

## Display

Display digit height (large):	1,300 cm
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## Technical data about verification

Verification class:	II
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## Counting

Counting resolution:	62000
Minimum piece weight at piece counting (Laboratory):	500 mg
Minimum piece weight at piece counting (Normal):	5 g

## Functions

Capacity display:	yes
Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Charging time:	15 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH
Operating time (Backlight off):	32 h
Operating time (Backlight on):	6 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):	410 x 520 x 190 mm
Gross weight:	11,600 kg
Net weight:	9,800 kg
Shipping method:	Parcel service

## Construction

Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	260 x 330 x 113 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing surface (WxD):	250 x 220 mm

# KERN PES31000-1M



Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN PES4200-2M

Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]



## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	30 mg
Linearity:	20 mg
Minimum weight (USP):	20 g
Readability [d]:	10 mg
Recommended adjusting weight:	2 kg (E2); 2 kg (E2)
Repeatability:	10 mg
Resolution:	420000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	4 h
Weighing capacity [Max]:	4,200 kg
Weighing units:	ct kg g

## Display

Display digit height (large):	1,300 cm
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## Technical data about verification

Verification class:	II
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## Counting

Counting resolution:	420000
Minimum piece weight at piece counting (Laboratory):	10 mg
Minimum piece weight at piece counting (Normal):	100 mg

## Functions

Capacity display:	yes
Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Charging time:	15 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH
Operating time (Backlight off):	32 h
Operating time (Backlight on):	6 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):	330 x 445 x 215 mm
Gross weight:	6 kg
Net weight:	4 kg
Shipping method:	Parcel service

## Construction

Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	220 x 333 x 93 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	220 x 333 x 93 mm
Weighing surface (WxD):	200 x 200 mm

# KERN PES4200-2M



Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN PES620-3M

Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]



## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Charging time:	15 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	32 h
Operating time (Backlight on):	6 h
Rechargeable battery:	Rchrg. battery optional

## Services (optional)

DAkkS Certificate:	963-103
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## Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	335 x 435 x 220 mm
Gross weight:	5,120 kg
Net weight:	3,600 kg
Shipping method:	Parcel service

## Construction

Casing material:	Cast aluminium alloys
Dimensions draft shield (WxDxH):	175 x 155 x 105 mm
Dimensions housing (WxDxH):	220 x 330 x 90 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	170 x 150 x 100 mm
Weighing surface (WxD):	140 x 120 mm

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	3 mg
Linearity:	3 mg
Minimum weight (USP):	2 g
Readability [d]:	1 mg
Recommended adjusting weight:	500 g (E2)
Repeatability:	1 mg
Resolution:	620000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	4 h
Weighing capacity [Max]:	620 g
Weighing units:	ct kg g

## Display

Display digit height (large):	1,400 cm
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## Counting

Counting resolution:	620000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg

## Functions

Capacity display:	yes
Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

# KERN PES620-3M



Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]

## Piktogramme

### STANDARD



### OPTION



### FACTORY





# KERN PES6200-2M

Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]



## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Charging time:	15 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH
Operating time (Backlight off):	32 h
Operating time (Backlight on):	6 h
Rechargeable battery:	Rchrg. battery optional

## Services (optional)

DAkkS Certificate:	963-104
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## Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	335 x 425 x 215 mm
Gross weight:	5,744 kg
Net weight:	4,336 kg
Shipping method:	Parcel service

## Construction

Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	220 x 333 x 93 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	220 x 333 x 93 mm
Weighing surface (WxD):	200 x 200 mm

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	40 mg
Linearity:	30 mg
Minimum weight (USP):	20 g
Readability [d]:	10 mg
Recommended adjusting weight:	5 kg (E2)
Repeatability:	10 mg
Resolution:	620000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	4 h
Weighing capacity [Max]:	6,200 kg
Weighing units:	ct kg g

## Display

Display digit height (large):	1,300 cm
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## Counting

Counting resolution:	620000
Minimum piece weight at piece counting (Laboratory):	10 mg
Minimum piece weight at piece counting (Normal):	100 mg

## Functions

Capacity display:	yes
Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

# KERN PES6200-2M



Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]

## Piktogramme

### STANDARD



### OPTION



### FACTORY

