

# KERN EG 220-3NM

The classic balance with robust tuning fork measuring system



## Measuring system

Adjustment options:	Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	2 mg
Linearity:	2 mg
Minimum weight (USP):	2 g
Readability [d]:	1 mg
Repeatability:	1 mg
Resolution:	220000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	220 g
Weighing units:	ozt tl (HK) tol ct g oz mo dwt lb tl (Singap. Malays) tl (Tw)

## Display

Display digit height (large):	1,700 cm
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## Technical data about verification

Minimum load [Min]:	20 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]:	10 mg

## Counting

Counting resolution:	220000
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
Percentage determination:	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:	12 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	US EURO UK CH
Operating time (Backlight off):	32 h
Operating time (Backlight on):	12 h
Rechargeable battery:	Rchrg. battery optional

## 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):	320 x 410 x 230 mm
Gross weight:	3,200 kg
Net weight:	1,900 kg
Shipping method:	Parcel service

# KERN EG 220-3NM



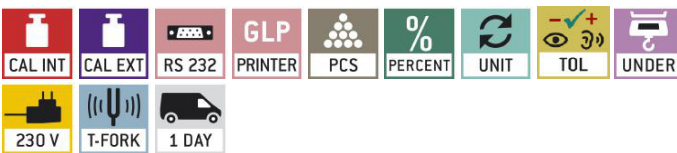
The classic balance with robust tuning fork measuring system

## Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	174 x 144 x 105 mm
Dimensions housing (WxDxH):	180 x 235 x 75 mm
Draft shield optional:	yes
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	185 x 235 x 165 mm
Revolving screw feet:	yes
Weighing space (WxDxH):	158 x 130 x 78 mm
Weighing surface (d):	118

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN EG 2200-2NM

The classic balance with robust tuning fork measuring system



## Measuring system

Adjustment options:	Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	30 mg
Linearity:	10 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:	ozt tl (HK) tol ct g oz mo dwt lb tl (Singap. Malays) tl (Tw)

## Display

Display digit height (large):	1,700 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
Percentage determination:	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:	12 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	US EURO UK CH
Operating time (Backlight off):	32 h
Operating time (Backlight on):	12 h
Rechargeable battery:	Rchrg. battery optional

## 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):	325 x 410 x 220 mm
Gross weight:	5,050 kg
Net weight:	3,840 kg
Shipping method:	Parcel service

# KERN EG 2200-2NM



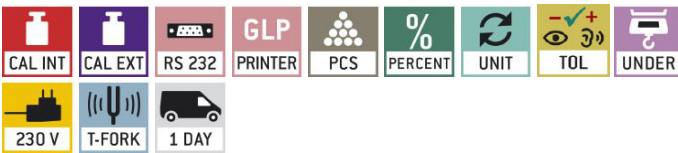
The classic balance with robust tuning fork measuring system

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	180 x 235 x 75 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	180 x 235 x 75 mm
Revolving screw feet:	yes
Weighing surface (WxD):	180 x 160 mm

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN EG 420-3NM

The classic balance with robust tuning fork measuring system



## Measuring system

Adjustment options:	Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	3 mg
Linearity:	3 mg
Minimum weight (USP):	2 g
Readability [d]:	1 mg
Repeatability:	1 mg
Resolution:	420000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	4 h
Weighing capacity [Max]:	420 g
Weighing units:	ozt tl (HK) tol ct g oz mo dwt lb tl (Singap. Malays) tl (Tw)

## Display

Display digit height (large):	1,700 cm
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## Technical data about verification

Minimum load [Min]:	20 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]:	10 mg

## Counting

Counting resolution:	420000
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
Percentage determination:	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:	12 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	US EURO UK CH
Operating time (Backlight off):	32 h
Operating time (Backlight on):	12 h
Rechargeable battery:	Rchrg. battery optional

## 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):	400 x 320 x 220 mm
Gross weight:	3,312 kg
Net weight:	1,759 kg
Shipping method:	Parcel service

# KERN EG 420-3NM



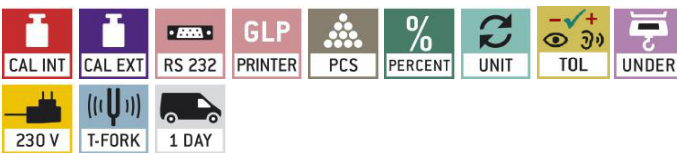
The classic balance with robust tuning fork measuring system

## Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	174 x 144 x 105 mm
Dimensions housing (WxDxH):	180 x 235 x 75 mm
Draft shield optional:	yes
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	185 x 235 x 165 mm
Revolving screw feet:	yes
Weighing space (WxDxH):	158 x 130 x 78 mm
Weighing surface (d):	118

## Piktogramme

### STANDARD



### OPTION



### FACTORY





# KERN EG 4200-2NM

The classic balance with robust tuning fork measuring system



## Measuring system

Adjustment options:	Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	30 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:	ozt tl (HK) tol ct g oz mo dwt lb tl (Singap. Malays) tl (Tw)

## Display

Display digit height (large):	1,700 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
Percentage determination:	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:	12 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	US EURO UK CH
Operating time (Backlight off):	32 h
Operating time (Backlight on):	12 h
Rechargeable battery:	Rchrg. battery optional

## 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):	410 x 325 x 230 mm
Gross weight:	5,040 kg
Net weight:	3,870 kg
Shipping method:	Parcel service

# KERN EG 4200-2NM



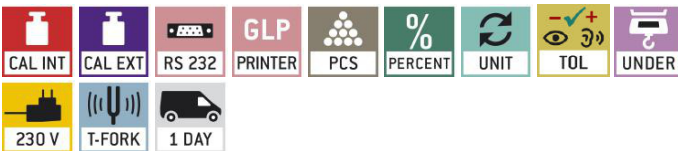
The classic balance with robust tuning fork measuring system

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	180 x 235 x 75 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	180 x 235 x 75 mm
Revolving screw feet:	yes
Weighing surface (WxD):	180 x 160 mm

## Piktogramme

### STANDARD



### OPTION



### FACTORY





# KERN EG 620-3NM

The classic balance with robust tuning fork measuring system



## Measuring system

Adjustment options:	Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	4 mg
Linearity:	4 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:	ozt tl (HK) tol ct g oz mo dwt lb tl (Singap. Malays) tl (Tw)

## Display

Display digit height (large):	1,700 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
Percentage determination:	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:	12 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	US EURO UK CH
Operating time (Backlight off):	32 h
Operating time (Backlight on):	12 h
Rechargeable battery:	Rchrg. battery optional

## 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):	315 x 360 x 265 mm
Gross weight:	3,242 kg
Net weight:	1,952 kg
Shipping method:	Parcel service

# KERN EG620-3NM



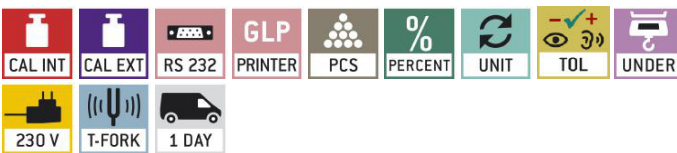
The classic balance with robust tuning fork measuring system

## Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	174 x 144 x 105 mm
Dimensions housing (WxDxH):	180 x 235 x 75 mm
Draft shield optional:	yes
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	185 x 235 x 165 mm
Revolving screw feet:	yes
Weighing space (WxDxH):	158 x 130 x 78 mm
Weighing surface (d):	118

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN EW12000-1NM

The classic balance with robust tuning fork measuring system



## 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)
Repeatability:	100 mg
Resolution:	120000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	12 kg
Weighing units:	ozt ct tl (HK) tol g oz mo lb dwt tl (Singap. Malays) tl (Tw)

## Display

Display digit height (large):	1,700 cm
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## Technical data about verification

Verification class:	II
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## Counting

Counting resolution:	120000
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
Percentage determination:	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:	12 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH UK US
Operating time (Backlight off):	32 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):	325 x 410 x 220 mm
Gross weight:	4,040 kg
Net weight:	2,887 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	180 x 235 x 75 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	180 x 235 x 75 mm
Revolving screw feet:	yes
Weighing surface (WxD):	180 x 160 mm

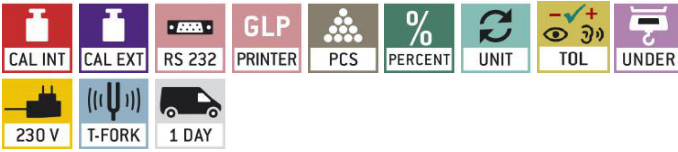
# KERN EW12000-1NM

The classic balance with robust tuning fork measuring system



## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN EW220-3NM

The classic balance with robust tuning fork measuring system



## Functions

Capacity display:	yes
Counting function:	yes
Percentage determination:	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:	12 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH UK US
Operating time (Backlight off):	32 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):	400 x 320 x 220 mm
Gross weight:	2,940 kg
Net weight:	1,360 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	174 x 144 x 105 mm
Dimensions housing (WxDxH):	180 x 235 x 75 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	185 x 235 x 165 mm
Revolving screw feet:	yes
Weighing space (WxDxH):	158 x 130 x 78 mm
Weighing surface (d):	118

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	3 mg
Linearity:	2 mg
Minimum weight (USP):	2 g
Readability [d]:	1 mg
Recommended adjusting weight:	200 g (F1)
Repeatability:	1 mg
Resolution:	220000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	220 g
Weighing units:	ozt tl (HK) tol ct g oz mo lb dwt tl (Singap. Malays) tl (Tw) gn

## Display

Display digit height (large):	1,700 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):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg

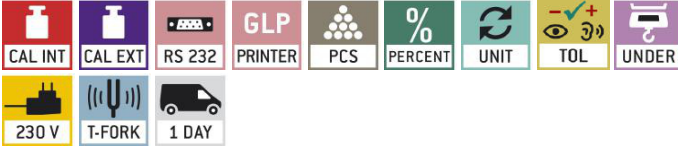
# KERN EW220-3NM

The classic balance with robust tuning fork measuring system



## Piktogramme

### STANDARD



### OPTION



### FACTORY





# KERN EW 2200-2NM

The classic balance with robust tuning fork measuring system



## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	30 mg
Linearity:	10 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:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	2,200 kg
Weighing units:	ozt tl (HK) tol ct g oz mo lb dwt tl (Singap. Malays) tl (Tw)

## Display

Display digit height (large):	1,700 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
Percentage determination:	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:	12 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH UK US
Operating time (Backlight off):	32 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):	325 x 410 x 220 mm
Gross weight:	4,044 kg
Net weight:	2,866 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	180 x 235 x 75 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	180 x 235 x 75 mm
Revolving screw feet:	yes
Weighing surface (WxD):	180 x 160 mm



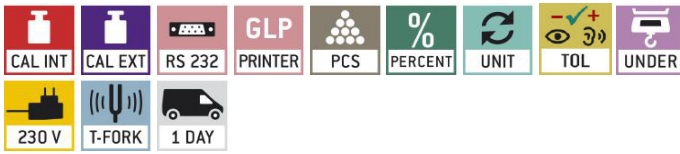
# KERN EW 2200-2NM



The classic balance with robust tuning fork measuring system

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN EW420-3NM

The classic balance with robust tuning fork measuring system



## 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:	200 g (E2); 200 g (E2)
Repeatability:	1 mg
Resolution:	420000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	4 h
Weighing capacity [Max]:	420 g
Weighing units:	ozt ct tl (HK) tol g oz mo lb dwt tl (Singap. Malays) tl (Tw) gn

## Display

Display digit height (large):	1,700 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):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg

## Functions

Capacity display:	yes
Counting function:	yes
Percentage determination:	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:	12 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH UK US
Operating time (Backlight off):	32 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):	400 x 325 x 220 mm
Gross weight:	2,948 kg
Net weight:	1,358 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	174 x 144 x 105 mm
Dimensions housing (WxDxH):	180 x 235 x 75 mm
Draft shield optional:	yes
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	185 x 235 x 165 mm
Revolving screw feet:	yes
Weighing space (WxDxH):	158 x 130 x 78 mm
Weighing surface (d):	118

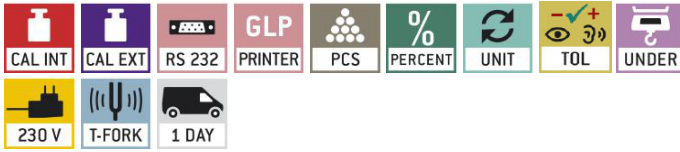
# KERN EW420-3NM

The classic balance with robust tuning fork measuring system



## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN EW4200-2NM

The classic balance with robust tuning fork measuring system



## 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:	2 s
Warm up time:	4 h
Weighing capacity [Max]:	4,200 kg
Weighing units:	ozt tl (HK) tol ct g oz mo lb dwt tl (Singap. Malays) tl (Tw)

## Display

Display digit height (large):	1,700 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
Percentage determination:	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:	12 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH UK US
Operating time (Backlight off):	32 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):	320 x 410 x 230 mm
Gross weight:	4,040 kg
Net weight:	2,862 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	180 x 235 x 75 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	180 x 235 x 75 mm
Revolving screw feet:	yes
Weighing surface (WxD):	180 x 160 mm

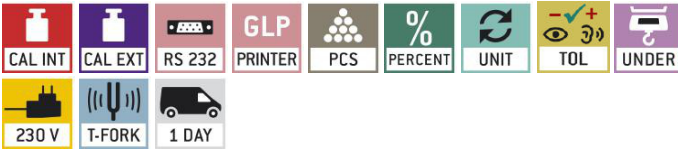
# KERN EW4200-2NM

The classic balance with robust tuning fork measuring system



## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN EW620-3NM

The classic balance with robust tuning fork measuring system



## Functions

Capacity display:	yes
Counting function:	yes
Percentage determination:	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:	12 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH UK US
Operating time (Backlight off):	32 h
Operating time (Backlight on):	12 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):	400 x 325 x 220 mm
Gross weight:	2,960 kg
Net weight:	1,365 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	174 x 144 x 105 mm
Dimensions housing (WxDxH):	180 x 235 x 75 mm
Draft shield optional:	yes
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	185 x 235 x 165 mm
Revolving screw feet:	yes
Weighing space (WxDxH):	158 x 130 x 78 mm
Weighing surface (d):	118

## 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:	2 s
Warm up time:	4 h
Weighing capacity [Max]:	620 g
Weighing units:	ozt tl (HK) tol ct g oz mo lb dwt tl (Singap. Malays) tl (Tw)

## Display

Display digit height (large):	1,700 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

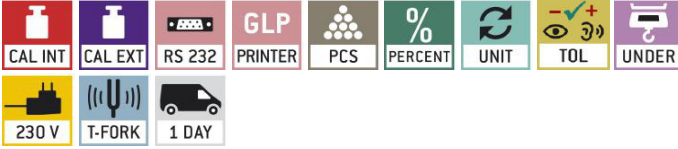
# KERN EW620-3NM

The classic balance with robust tuning fork measuring system



## Piktogramme

### STANDARD



### OPTION



### FACTORY





# KERN EW6200-2NM

The classic balance with robust tuning fork measuring system



## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	30 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:	ozt tl (HK) tol ct g oz mo lb dwt tl (Singap. Malays) tl (Tw)

## Display

Display digit height (large):	1,700 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
Percentage determination:	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:	12 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH UK US
Operating time (Backlight off):	32 h
Operating time (Backlight on):	12 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):	410 x 330 x 230 mm
Gross weight:	4,052 kg
Net weight:	2,874 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	180 x 235 x 75 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	180 x 235 x 75 mm
Revolving screw feet:	yes
Weighing surface (WxD):	180 x 160 mm

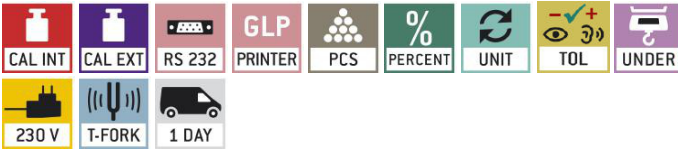
# KERN EW6200-2NM

The classic balance with robust tuning fork measuring system



## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN EW820-2NM

The classic balance with robust tuning fork measuring system



## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	30 mg
Linearity:	10 mg
Minimum weight (USP):	20 g
Readability [d]:	10 mg
Recommended adjusting weight:	200 g (F1); 500 g (F1)
Repeatability:	10 mg
Resolution:	82000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	820 g
Weighing units:	ozt tl (HK) tol ct g oz mo lb dwt tl (Singap. Malays) tl (Tw)

## Display

Display digit height (large):	1,700 cm
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## Counting

Counting resolution:	82000
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
Percentage determination:	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:	12 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH UK US
Operating time (Backlight off):	32 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):	325 x 405 x 230 mm
Gross weight:	2,870 kg
Net weight:	1,520 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	180 x 235 x 75 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	180 x 235 x 75 mm
Revolving screw feet:	yes
Weighing surface (WxD):	170 x 140 mm

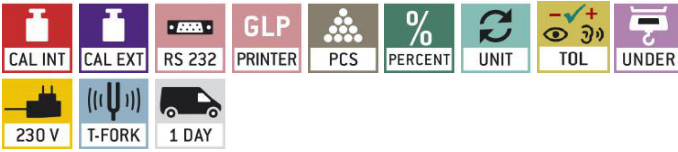
# KERN EW820-2NM



The classic balance with robust tuning fork measuring system

## Piktogramme

### STANDARD



### OPTION



### FACTORY

