

# KERN PNS3000-2

The new standard in the laboratory 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:	3 kg (F1)
Repeatability:	10 mg
Resolution:	320000
Stabilisation time under laboratory conditions:	3 s
Tare range:	3,200 kg
Warm up time:	2 h
Weighing capacity [Max]:	3,200 kg
Weighing units:	dwt tl (Tw) oz ozl tl (HK) tol g mo lb tl (Singap. Malays)

## Display

Display digit height (large):	1,650 cm
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## Counting

Counting resolution:	320000
Minimum piece weight at piece counting (Laboratory):	10 mg
Minimum piece weight at piece counting (Normal):	100 mg
Reference weight:	yes

## Functions

Capacity display:	yes
Counting function:	yes
Percentage determination:	yes
Weighing with tolerance range:	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	5 °C

## Power supply

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

## 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 205 mm
Gross weight:	3,700 kg
Net weight:	2,700 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	196 x 293 x 89 mm
Dimensions of weighing plate (WxDxH):	190 x 190 x 89 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing surface (WxD):	190 x 190 mm

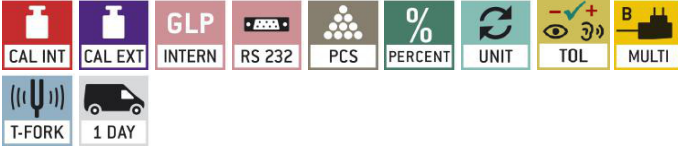
# KERN PNS3000-2



The new standard in the laboratory with robust tuning fork measuring system

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN PNJ3000-2M

The new standard in the laboratory with robust tuning fork measuring system



## Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	30 mg
Linearity:	20 mg
Minimum weight (USP):	20 g
Readability [d]:	10 mg
Repeatability:	10 mg
Resolution:	320000
Stabilisation time under laboratory conditions:	3 s
Tare range:	3,200 kg
Warm up time:	2 h
Weighing capacity [Max]:	3,200 kg
Weighing units:	ct tl (Tw) oz ozt tl (HK) tol g mo lb tl (Singap. Malays) dwt

## Display

Display digit height (large):	1,650 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:	320000
Minimum piece weight at piece counting (Laboratory):	10 mg

Minimum piece weight at piece counting (Normal):	100 mg
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Reference weight:	yes
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## Functions

Capacity display:	yes
Counting function:	yes
Percentage determination:	yes
Weighing with tolerance range:	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	5 °C

## Power supply

Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	AUS US UK 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):	321 x 410 x 220 mm
Gross weight:	4,600 kg
Net weight:	3,500 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	196 x 293 x 89 mm
Dimensions of weighing plate (WxDxH):	190 x 190 x 89 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing surface (WxD):	190 x 190 mm

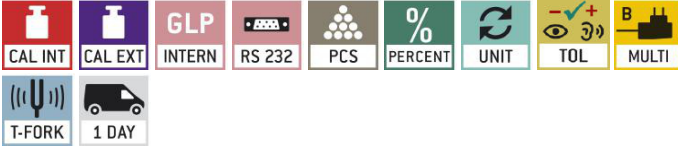
# KERN PNJ3000-2M



The new standard in the laboratory with robust tuning fork measuring system

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN PNS600-3

The new standard in the laboratory with robust tuning fork measuring system

# KERN®



## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	4 mg
Linearity:	4 mg
Minimum weight (USP):	2 g
Readability [d]:	1 mg
Recommended adjusting weight:	600 g (E2)
Repeatability:	1 mg
Resolution:	620000
Stabilisation time under laboratory conditions:	3 s
Tare range:	620 g
Warm up time:	4 h
Weighing capacity [Max]:	620 g
Weighing units:	dwt tl (Tw) gn oz ozt tl (HK) tol g mo lb tl (Singap. Malays)

## Display

Display digit height (large):	1,650 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
Reference weight:	yes

## Functions

Capacity display:	yes
Counting function:	yes
Percentage determination:	yes
Weighing with tolerance range:	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	5 °C

## Power supply

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

## 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):	321 x 410 x 329 mm
Gross weight:	5,100 kg
Net weight:	2,090 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	196 x 293 x 266 mm
Draft shield optional:	yes
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	196 x 293 x 266 mm
Revolving screw feet:	yes
Weighing space (WxDxH):	172 x 171 x 160 mm
Weighing surface (d):	140

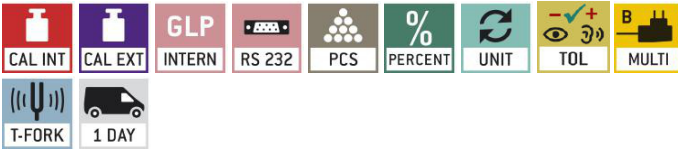
# KERN PNS600-3



The new standard in the laboratory with robust tuning fork measuring system

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN PNS 12000-1

The new standard in the laboratory 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:	40 °C
Minimum ambient temperature:	5 °C

## Power supply

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

## 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 210 mm
Gross weight:	3,700 kg
Net weight:	2,700 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	196 x 293 x 89 mm
Dimensions of weighing plate (WxDxH):	190 x 190 x 89 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing surface (WxD):	190 x 190 mm

## 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:	12 kg (F1)
Repeatability:	100 mg
Resolution:	120000
Stabilisation time under laboratory conditions:	3 s
Tare range:	12 kg
Warm up time:	2 h
Weighing capacity [Max]:	12 kg
Weighing units:	dwt tl (Tw) oz oz t (HK) tol g mo lb tl (Singap. Malays)

## Display

Display digit height (large):	1,650 cm
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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
Reference weight:	yes

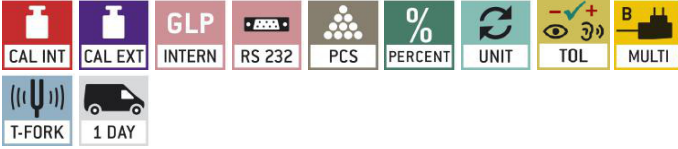
# KERN PNS 12000-1



The new standard in the laboratory with robust tuning fork measuring system

## Piktogramme

### STANDARD



### OPTION



### FACTORY





# KERN PNJ12000-1M

The new standard in the laboratory with robust tuning fork measuring system



## Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	300 mg
Linearity:	200 mg
Minimum weight (USP):	200 g
Readability [d]:	100 mg
Recommended adjusting weight:	10000 g (F1)
Repeatability:	100 mg
Resolution:	120000
Stabilisation time under laboratory conditions:	3 s
Tare range:	12 kg
Warm up time:	2 h
Weighing capacity [Max]:	12 kg
Weighing units:	dwt tl (Tw) oz oz tl (HK) tol g mo lb tl (Singap. Malays)

## Display

Display digit height (large):	1,650 cm
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## Technical data about verification

Minimum load [Min]:	5 g
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]:	1 g

## Counting

Counting resolution:	120000
Minimum piece weight at piece counting (Laboratory):	100 mg
Minimum piece weight at piece counting (Normal):	1 g
Reference weight:	yes

## Functions

Capacity display:	yes
Counting function:	yes
Percentage determination:	yes
Weighing with tolerance range:	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	5 °C

## Power supply

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

## Services (optional)

DAkkS Certificate:	963-128
Verification:	965-217

## 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:	4,900 kg
Net weight:	3,624 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	196 x 293 x 89 mm
Dimensions of weighing plate (WxDxH):	190 x 190 x 89 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing surface (WxD):	190 x 190 mm

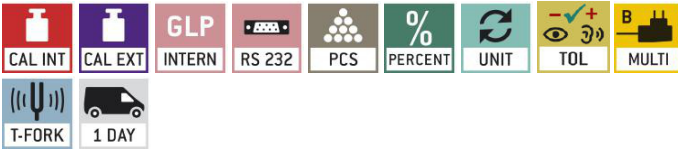
# KERN PNJ12000-1M



The new standard in the laboratory with robust tuning fork measuring system

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN PNJ600-3M

The new standard in the laboratory with robust tuning fork measuring system



Minimum piece weight at piece counting (Normal): 10 mg

Reference weight: yes

## Functions

Capacity display: yes

Counting function: yes

Percentage determination: yes

Weighing with tolerance range: yes

## Environmental conditions

Maximum humidity: 80 %

Maximum operating temperature: 40 °C

Minimum ambient temperature: 5 °C

## Power supply

Input voltage: 220 V - 240 V AC 50 Hz

Mains adapter: Mains adapter external

Mains adapter/adapter included: EURO CH AUS UK US

## Services (optional)

DAkkS Certificate: 963-103

Verification: 965-216

## Category

Brand: KERN

Category: Balances

Product Group: Precision balance

## Packaging & shipping

Delivery: 24 h

Dimensions packaging (WxDxH): 409 x 320 x 318 mm

Gross weight: 5,570 kg

Net weight: 4,170 kg

Shipping method: Parcel service

## Construction

Casing material: Plastic

Dimensions housing (WxDxH): 196 x 293 x 266 mm

Level indicator: yes

Material weighing plate: stainless steel

Overall dimensions mounted (WxDxH): 196 x 293 x 266 mm

Revolving screw feet: yes

Weighing space (WxDxH): 172 x 171 x 160 mm

Weighing surface (d): 140

## Measuring system

Adjustment options: Internal calibration (auto)

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

Tare range: 620 g

Warm up time: 4 h

Weighing capacity [Max]: 620 g

Weighing units: dwt ct tl (Tw) gn oz ozt tl (HK) tol g mo lb tl (Singap. Malays)

## Display

Display digit height (large): 1,650 cm

## 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: 620000

Minimum piece weight at piece counting (Laboratory): 1 mg

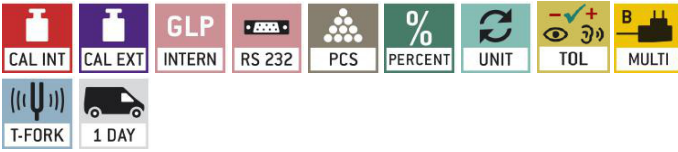
# KERN PNJ600-3M



The new standard in the laboratory with robust tuning fork measuring system

## Piktogramme

### STANDARD



### OPTION



### FACTORY

