

KERN FXN10K-3M

Bench scale, protected by stainless steel and IP68 rating, now also with EC type approval [M]

KERN®



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 g
Linearity:	5 g
Number of weighing ranges:	1
Readability [d]:	5 g
Recommended adjusting weight:	15 kg (M1)
Repeatability:	5 g
Resolution:	3000
Stabilisation time under laboratory conditions:	2 s
Tare range:	-15 kg
Warm up time:	10 min
Weighing capacity [Max]:	15 kg
Weighing system:	Strain gauge
Weighing units:	kg g

Display

Display digit height (large):	2,500 cm
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Technical data about verification

Minimum load [Min]:	100 g
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	III
Verification value [e]:	5 g

Counting

Counting resolution:	7500
Minimum piece weight at piece counting (Laboratory):	2 g
Minimum piece weight at piece counting (Normal):	20 g

Functions

Counting function:	yes
SLEEP function:	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	25 %

Power supply

Battery:	4x1.5 V Size D
Operating time:	500 h

Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate:	963-128
Verification:	965-228

Category

Brand:	KERN
Category:	Balances
Product Group:	Bench scale

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 365 x 225 mm
Gross weight:	3,775 kg
Net weight:	3,160 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Dimensions housing (WxDxH):	240 x 280 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	240 x 280 x 120 mm
Revolving screw feet:	yes
Weighing surface (WxD):	236 x 195 mm

KERN FXN10K-3M

Bench scale, protected by stainless steel and IP68 rating, now also with EC type approval [M]



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KERN FXN10K-3N

Bench scale, protected by stainless steel and IP68 rating, now also with EC type approval [M]



Environmental conditions

Maximum humidity:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	25 %

Power supply

Battery:	4x1.5 V Size D
Operating time:	200 h

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:	Bench scale

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 365 x 225 mm
Gross weight:	3,800 kg
Net weight:	3,160 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Dimensions housing (WxDxH):	240 x 280 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	240 x 280 x 120 mm
Revolving screw feet:	yes
Weighing surface (WxD):	236 x 197 mm

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Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	6 g
Linearity:	4 g
Number of weighing ranges:	1
Readability [d]:	2 g
Recommended adjusting weight:	15 kg (M1)
Repeatability:	2 g
Resolution:	7500
Stabilisation time under laboratory conditions:	2 s
Tare range:	-15 kg
Warm up time:	30 min
Weighing capacity [Max]:	15 kg
Weighing system:	Strain gauge
Weighing units:	kg PCS lb

Display

Display digit height (large):	2,500 cm
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Counting

Counting resolution:	7500
Minimum piece weight at piece counting (Laboratory):	2 g
Minimum piece weight at piece counting (Normal):	20 g

Functions

Counting function:	yes
SLEEP function:	yes
Weighing with tolerance range:	yes

KERN FXN30K-2M

Bench scale, protected by stainless steel and IP68 rating, now also with EC type approval [M]



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	10 g
Linearity:	10 g
Number of weighing ranges:	1
Readability [d]:	10 g
Recommended adjusting weight:	30 kg (M1)
Repeatability:	10 g
Resolution:	3000
Stabilisation time under laboratory conditions:	2 s
Tare range:	30 kg
Warm up time:	10 min
Weighing capacity [Max]:	30 kg
Weighing system:	Strain gauge
Weighing units:	kg g

Display

Display digit height (large):	2,500 cm
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Technical data about verification

Minimum load [Min]:	200 g
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	III
Verification value [e]:	10 g

Counting

Counting resolution:	6000
Minimum piece weight at piece counting (Laboratory):	5 g
Minimum piece weight at piece counting (Normal):	50 g

Functions

Counting function:	yes
SLEEP function:	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	25 %

Power supply

Battery:	4x1.5 V Size D
Operating time:	500 h

Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate:	963-128
Verification:	965-228

Category

Brand:	KERN
Category:	Balances
Product Group:	Bench scale

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 365 x 225 mm
Gross weight:	4,350 kg
Net weight:	3,160 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Dimensions housing (WxDxH):	240 x 280 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	240 x 280 x 120 mm
Revolving screw feet:	yes
Weighing surface (WxD):	236 x 195 mm

KERN FXN30K-2M



Bench scale, protected by stainless steel and IP68 rating, now also with EC type approval [M]

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KERN FXN30K-3N

Bench scale, protected by stainless steel and IP68 rating, now also with EC type approval [M]



Environmental conditions

Maximum humidity:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	25 %

Power supply

Battery:	4x1.5 V Size D
Operating time:	200 h

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:	Bench scale

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 365 x 225 mm
Gross weight:	3,752 kg
Net weight:	3,160 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Dimensions housing (WxDxH):	240 x 280 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	240 x 280 x 120 mm
Revolving screw feet:	yes
Weighing surface (WxD):	236 x 195 mm

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Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	15 g
Linearity:	10 g
Number of weighing ranges:	1
Readability [d]:	5 g
Recommended adjusting weight:	30 kg (M1)
Repeatability:	5 g
Resolution:	6000
Stabilisation time under laboratory conditions:	2 s
Tare range:	30 kg
Warm up time:	30 min
Weighing capacity [Max]:	30 kg
Weighing system:	Strain gauge
Weighing units:	kg PCS lb

Display

Display digit height (large):	2,500 cm
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Counting

Counting resolution:	6000
Minimum piece weight at piece counting (Laboratory):	5 g
Minimum piece weight at piece counting (Normal):	50 g

Functions

Counting function:	yes
SLEEP function:	yes
Weighing with tolerance range:	yes

KERN FXN3K-3M

Bench scale, protected by stainless steel and IP68 rating, now also with EC type approval [M]

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Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	1 g
Linearity:	1 g
Number of weighing ranges:	1
Readability [d]:	1 g
Recommended adjusting weight:	3 kg (M1)
Repeatability:	1 g
Resolution:	3000
Stabilisation time under laboratory conditions:	2 s
Tare range:	-3 kg
Warm up time:	10 min
Weighing capacity [Max]:	3 kg
Weighing system:	Strain gauge
Weighing units:	kg g

Display

Display digit height (large):	2,500 cm
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Technical data about verification

Minimum load [Min]:	20 g
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	III
Verification value [e]:	1 g

Counting

Counting resolution:	6000
Minimum piece weight at piece counting (Laboratory):	500 mg
Minimum piece weight at piece counting (Normal):	5 g

Functions

Counting function:	yes
SLEEP function:	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	25 %

Power supply

Battery:	4x1.5 V Size D
Operating time:	500 h

Services (optional)

Adjustment at the location of installation: 961-247

DAkkS Certificate:	963-127
Verification:	965-227

Category

Brand:	KERN
Category:	Balances
Product Group:	Bench scale

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 365 x 225 mm
Gross weight:	4,275 kg
Net weight:	3,208 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Dimensions housing (WxDxH):	240 x 280 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	240 x 280 x 120 mm
Revolving screw feet:	yes
Weighing surface (WxD):	236 x 195 mm

KERN FXN3K-3M

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KERN FXN3K-4N

Bench scale, protected by stainless steel and IP68 rating, now also with EC type approval [M]



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	1,500 g
Linearity:	1 g
Number of weighing ranges:	1
Readability [d]:	500 mg
Recommended adjusting weight:	3 kg (M1)
Repeatability:	500 mg
Resolution:	6000
Stabilisation time under laboratory conditions:	2 s
Tare range:	-3 kg
Warm up time:	30 min
Weighing capacity [Max]:	3 kg
Weighing system:	Strain gauge
Weighing units:	kg PCS lb

Display

Display digit height (large):	2,500 cm
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Counting

Counting resolution:	6000
Minimum piece weight at piece counting (Laboratory):	500 mg
Minimum piece weight at piece counting (Normal):	5 g

Functions

Counting function:	yes
SLEEP function:	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	25 %

Power supply

Battery:	4x1.5 V Size D
Operating time:	200 h

Services (optional)

Adjustment at the location of installation: 961-247

DAkkS Certificate:	963-127
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Category

Brand:	KERN
Category:	Balances
Product Group:	Bench scale

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 365 x 225 mm
Gross weight:	3,962 kg
Net weight:	3,160 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Dimensions housing (WxDxH):	240 x 280 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	240 x 280 x 120 mm
Revolving screw feet:	yes
Weighing surface (WxD):	236 x 195 mm

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KERN FXN6K-3M

Bench scale, protected by stainless steel and IP68 rating, now also with EC type approval [M]



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	2 g
Linearity:	2 g
Number of weighing ranges:	1
Readability [d]:	2 g
Recommended adjusting weight:	6 kg (M1)
Repeatability:	2 g
Resolution:	3000
Stabilisation time under laboratory conditions:	2 s
Tare range:	-6 kg
Warm up time:	10 min
Weighing capacity [Max]:	6 kg
Weighing system:	Strain gauge
Weighing units:	kg g

Display

Display digit height (large):	2,500 cm
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Technical data about verification

Minimum load [Min]:	40 g
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	III
Verification value [e]:	2 g

Counting

Counting resolution:	6000
Minimum piece weight at piece counting (Laboratory):	1 g
Minimum piece weight at piece counting (Normal):	10 g

Functions

Counting function:	yes
SLEEP function:	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	25 %

Power supply

Battery:	4x1.5 V Size D
Operating time:	500 h

Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate:	963-128
Verification:	965-228

Category

Brand:	KERN
Category:	Balances
Product Group:	Bench scale

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 365 x 225 mm
Gross weight:	4,300 kg
Net weight:	2,986 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Dimensions housing (WxDxH):	240 x 280 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	240 x 280 x 120 mm
Revolving screw feet:	yes
Weighing surface (WxD):	236 x 195 mm

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KERN FXN6K-3N

Bench scale, protected by stainless steel and IP68 rating, now also with EC type approval [M]



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	3 g
Linearity:	2 g
Number of weighing ranges:	1
Readability [d]:	1 g
Recommended adjusting weight:	6 kg (M1)
Repeatability:	1 g
Resolution:	6000
Stabilisation time under laboratory conditions:	2 s
Tare range:	-6 kg
Warm up time:	30 min
Weighing capacity [Max]:	6 kg
Weighing system:	Strain gauge
Weighing units:	kg PCS lb

Display

Display digit height (large):	2,500 cm
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Counting

Counting resolution:	6000
Minimum piece weight at piece counting (Laboratory):	1 g
Minimum piece weight at piece counting (Normal):	10 g

Functions

Counting function:	yes
SLEEP function:	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	25 %

Power supply

Battery:	4x1.5 V Size D
Operating time:	200 h

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:	Bench scale

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 365 x 225 mm
Gross weight:	3,700 kg
Net weight:	3,160 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Dimensions housing (WxDxH):	240 x 280 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	240 x 280 x 120 mm
Revolving screw feet:	yes
Weighing surface (WxD):	236 x 195 mm

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