

KERN PBS6200-2M

Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	20 mg
Minimum weight (USP):	20 g
Readability [d]:	10 mg
Recommended adjusting weight:	6 kg (E2)
Repeatability:	10 mg
Resolution:	620000
Stabilisation time under laboratory conditions:	2,500 s
Warm up time:	4 h
Weighing capacity [Max]:	6,200 kg
Weighing units:	ct g kg

Display

Display digit height (large):	1,400 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
Density determination function:	yes
Dispensing function:	yes
Peak function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Suspended weighing:	Hook
Vibration-free weighing (Animal weighing program):	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 UK US

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):	450 x 370 x 255 mm
Gross weight:	4,939 kg
Net weight:	3,243 kg
Shipping method:	Parcel service

Construction

Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	340 x 220 x 78 mm
Dimensions of weighing plate (WxDxH):	180 x 190 x 15 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing surface (WxD):	180 x 190 mm

KERN PBS6200-2M

Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]



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KERN PBS620-3M

Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	2 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:	2,500 s
Warm up time:	4 h
Weighing capacity [Max]:	620 g
Weighing units:	g kg

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
Density determination function:	yes
Dispensing function:	yes
Peak function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Suspended weighing:	Hook
Vibration-free weighing (Animal weighing program):	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 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):	372 x 585 x 270 mm
Gross weight:	4,140 kg
Net weight:	3,100 kg
Shipping method:	Parcel service

Construction

Casing material:	Cast aluminium alloys
Dimensions draft shield (WxDxH):	202 x 228 x 103 mm
Dimensions housing (WxDxH):	209 x 322 x 78 mm
Dimensions of weighing plate (WxDxH):	108 x 105 x 5 mm

KERN PBS620-3M



Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]

Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	180 x 193 x 87 mm
Weighing surface (WxD):	108 x 105 mm

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KERN PBJ8200-1M

Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]



Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	500 mg
Linearity:	200 mg
Minimum weight (USP):	200 g
Readability [d]:	100 mg
Repeatability:	100 mg
Resolution:	82000
Stabilisation time under laboratory conditions:	1,200 s
Warm up time:	2 h
Weighing capacity [Max]:	8,200 kg
Weighing units:	ct g kg

Display

Display digit height (large):	1,400 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:	82000
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
Density determination function:	yes
Dispensing function:	yes
Peak function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Suspended weighing:	Hook
Time display:	yes
Vibration-free weighing (Animal weighing program):	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/adaptor included:	EURO UK CH 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):	370 x 455 x 265 mm
Gross weight:	6,730 kg
Net weight:	4,910 kg
Shipping method:	Parcel service

Construction

Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	210 x 330 x 78 mm
Dimensions of weighing plate (WxDxH):	180 x 195 x 8 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing surface (WxD):	170 x 180 mm

KERN PBJ8200-1M

Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]



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KERN PBJ4200-2M

Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]



Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	20 mg
Minimum weight (USP):	20 g
Readability [d]:	10 mg
Recommended adjusting weight:	False
Repeatability:	10 mg
Resolution:	420000
Stabilisation time under laboratory conditions:	2,500 s
Warm up time:	4 h
Weighing capacity [Max]:	4,200 kg
Weighing units:	ct g kg

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
Density determination function:	yes
Dispensing function:	yes
Peak function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Suspended weighing:	Hook
Time display:	yes
Vibration-free weighing (Animal weighing program):	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/adaptor included:	EURO UK CH US

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):	370 x 460 x 255 mm
Gross weight:	6,500 kg
Net weight:	4,900 kg
Shipping method:	Parcel service

Construction

Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	209 x 322 x 78 mm
Dimensions of weighing plate (WxDxH):	170 x 180 x 5 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing surface (WxD):	170 x 180 mm

KERN PBJ4200-2M

Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]



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KERN PBJ620-3M

Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]



Functions

Capacity display:	yes
Counting function:	yes
Density determination function:	yes
Dispensing function:	yes
Peak function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Suspended weighing:	Hook
Time display:	yes
Vibration-free weighing (Animal weighing program):	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 UK CH US

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):	370 x 580 x 255 mm
Gross weight:	5,815 kg
Net weight:	4,080 kg
Shipping method:	Parcel service

Construction

Casing material:	Cast aluminium alloys
Dimensions draft shield (WxDxH):	202 x 228 x 103 mm
Dimensions housing (WxDxH):	210 x 330 x 70 mm
Dimensions of weighing plate (WxDxH):	108 x 105 x 5 mm

Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	2 mg
Minimum weight (USP):	2 g
Readability [d]:	1 mg
Recommended adjusting weight:	200 g (F1)
Repeatability:	1 mg
Resolution:	620000
Stabilisation time under laboratory conditions:	2,500 s
Warm up time:	4 h
Weighing capacity [Max]:	620 g
Weighing units:	ct g kg

Display

Display digit height (large):	1,400 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

KERN PBJ620-3M



Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]

Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	180 x 193 x 87 mm
Weighing surface (WxD):	112 x 112 mm

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KERN PBJ6200-2M

Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]



Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	20 mg
Minimum weight (USP):	20 g
Readability [d]:	10 mg
Repeatability:	10 mg
Resolution:	620000
Stabilisation time under laboratory conditions:	2,500 s
Warm up time:	4 h
Weighing capacity [Max]:	6,200 kg
Weighing units:	ct g kg

Display

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

Minimum load [Min]:	1 g
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]:	100 mg

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
Density determination function:	yes
Dispensing function:	yes
Peak function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Suspended weighing:	Hook
Time display:	yes
Vibration-free weighing (Animal weighing program):	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/adapter included:	EURO UK CH US

Services (optional)

DAkkS Certificate:	963-104
Verification:	965-202

Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	370 x 460 x 265 mm
Gross weight:	6,700 kg
Net weight:	5 kg
Shipping method:	Parcel service

Construction

Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	205 x 325 x 85 mm
Dimensions of weighing plate (WxDxH):	170 x 180 x 5 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing surface (WxD):	170 x 180 mm

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Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]



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KERN PBS4200-2M

Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	20 mg
Minimum weight (USP):	20 g
Readability [d]:	10 mg
Recommended adjusting weight:	4 kg (E2)
Repeatability:	10 mg
Resolution:	420000
Stabilisation time under laboratory conditions:	2,500 s
Warm up time:	4 h
Weighing capacity [Max]:	4,200 kg
Weighing units:	g kg

Display

Display digit height (large):	1,400 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
Density determination function:	yes
Dispensing function:	yes
Peak function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Suspended weighing:	Hook
Vibration-free weighing (Animal weighing program):	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 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):	450 x 370 x 255 mm
Gross weight:	4,892 kg
Net weight:	3,180 kg
Shipping method:	Parcel service

Construction

Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	200 x 320 x 85 mm
Dimensions of weighing plate (WxDxH):	170 x 180 x 5 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing surface (WxD):	180 x 190 mm

KERN PBS4200-2M

Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]



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