# 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):

## Counting

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

1,400 cm

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	yes
weighing program):	
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
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 housing (WxDxH): Dimensions of weighing plate	•
- · ·	340 x 220 x 78 mm
Dimensions of weighing plate	340 x 220 x 78 mm
Dimensions of weighing plate (WxDxH):	340 x 220 x 78 mm 180 x 190 x 15 mm
Dimensions of weighing plate (WxDxH): Level indicator:	340 x 220 x 78 mm 180 x 190 x 15 mm yes
Dimensions of weighing plate (WxDxH): Level indicator: Material weighing plate:	340 x 220 x 78 mm 180 x 190 x 15 mm yes stainless steel

# KERN PBS6200-2M



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

### Piktogramme

#### STANDARD

CAL INT	CAL EXT				-√+ ⊙ ৢ৽ TOL
		SC TECH	1 DAY		

OPTION

DAkks +3 days



# KERN PBS620-3M



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



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<b>e</b> ,	
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):

## Counting

le l		
Counting resolution:	620000	
Mininum piece weight at piece counting (Laboratory:	1 mg	
Mininum piece weight at piece counting (Normal):	10 mg	

1,400 cm

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	
	80.9/
Maximum humidity:	80 % 30 °C
Maximum operating temperature:	
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
Cotoconu	
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

### Piktogramme

### STANDARD



OPTION

DAkks +3 days



## 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
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
Mininum piece weight at piece	100 mg

Minimum piece weight at piece	100
counting (Laboratory:	
Mininum piece weight at piece	1 g
counting (Normal):	

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	yes
weighing program):	
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:	963-128
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	180 x 195 x 8 mm
(WxDxH):	Voc
Level indicator:	yes stainlaga staal
Material weighing plate:	stainless steel
Revolving screw feet: Weighing surface (WxD):	yes
	170 x 180 mm

# KERN PBJ8200-1M



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

### Piktogramme

#### STANDARD

CAL INT	CAL EXT				-√+ ⊙ ৢ৽ TOL
		SC TECH	1 DAY		

OPTION

DAkks +3 days



## 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 digit height (large):

Display

## 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

1,400 cm

### Counting

Counting resolution:	420000
Mininum piece weight at piece counting (Laboratory:	10 mg
Mininum 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
Comisso (antional)	
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

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# KERN PBJ4200-2M



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

### Piktogramme

#### STANDARD

CAL INT	and the second se		PCS		-√+ ⊙ 🤊 TOL
		SC TECH	1 DAY		

#### OPTION

DAkks +3 days



# KERN PBJ620-3M



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



Measu	rina	01	etam
INEasu	IIIU	21	ысш

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):

## 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:	Ι
Verification value [e]:	10 mg

1,400 cm

### Counting

Counting resolution:	620000
Mininum piece weight at piece counting (Laboratory:	1 mg
Mininum 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
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	
	Cast aluminium allous
Casing material:	Cast aluminium alloys 202 x 228 x 103 mm
Dimensions draft shield (WxDxH):	
Dimensions housing (WxDxH):	210 x 330 x 70 mm
Dimensions of weighing plate (WxDxH):	108 x 105 x 5 mm

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# 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

### Piktogramme

### STANDARD



OPTION

DAkks +3 days



## 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			
<b>D</b> <sup>1</sup>				

### Display

Display digit height (large):

1,400 cm

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	

eeannig	
Counting resolution:	620000
Mininum piece weight at piece counting (Laboratory:	10 mg
Mininum 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	yes			
weighing program):				
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	170 x 180 x 5 mm			
(WxDxH):				
Level indicator:	yes			
Material weighing plate:	stainless steel			
Revolving screw feet:	yes			
Weighing surface (WxD):	170 x 180 mm			

# KERN PBJ6200-2M



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

### Piktogramme

#### STANDARD

CAL INT	CAL EXT				-√+ ⊙ ৢ৽ TOL
		SC TECH	1 DAY		

OPTION

DAkks +3 days



## 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			
Technical data about verification				
Verification class:	II			
Counting				
Counting resolution:	420000			
Mininum piece weight at piece	10 ma			

Mininum piece weight at piece counting (Laboratory:	10 mg
Mininum 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	yes			
weighing program):				
Weighing with tolerance range:	yes			
Environmental conditions				
Maximum humidity:	80 %			
Maximum operating temperature:	30 °C			
Minimum ambient temperature:	10 °C			
Deverse				
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)				
Services (optional) DAkkS Certificate:	963-127			
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DAkkS Certificate: Category				
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DAkkS Certificate: Category Brand: Category: Product Group:	KERN Balances			
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping	KERN Balances Precision balance			
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances Precision balance 24 h			
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Precision balance 24 h 450 x 370 x 255 mm			
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances Precision balance 24 h 450 x 370 x 255 mm 4,892 kg			
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	KERN Balances Precision balance 24 h 450 x 370 x 255 mm 4,892 kg 3,180 kg			
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	KERN Balances Precision balance 24 h 450 x 370 x 255 mm 4,892 kg 3,180 kg			
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	KERN Balances Precision balance 24 h 450 x 370 x 255 mm 4,892 kg 3,180 kg Parcel service			
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH):	KERN Balances Precision balance 24 h 450 x 370 x 255 mm 4,892 kg 3,180 kg Parcel service Cast aluminium alloys			
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Dimensions of weighing plate (WxDxH):	KERN Balances Precision balance 24 h 450 x 370 x 255 mm 4,892 kg 3,180 kg Parcel service Cast aluminium alloys 200 x 320 x 85 mm			
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Dimensions of weighing plate (WxDxH): Level indicator:	KERN Balances Precision balance 24 h 450 x 370 x 255 mm 4,892 kg 3,180 kg Parcel service Cast aluminium alloys 200 x 320 x 85 mm			
DAkkS Certificate: Category Brand: Category: Product Group: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Dimensions of weighing plate (WxDxH): Level indicator: Material weighing plate:	KERN Balances Precision balance 24 h 450 x 370 x 255 mm 4,892 kg 3,180 kg Parcel service Cast aluminium alloys 200 x 320 x 85 mm 170 x 180 x 5 mm			
DAkkS Certificate: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions housing (WxDxH): Dimensions of weighing plate (WxDxH): Level indicator:	KERN   Balances   Precision balance   24 h   450 x 370 x 255 mm   4,892 kg   3,180 kg   Parcel service   Cast aluminium alloys   200 x 320 x 85 mm   170 x 180 x 5 mm   yes			

# KERN PBS4200-2M



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

### Piktogramme

#### STANDARD

CAL INT	and the second se		PCS		-√+ ⊙ 🤊 TOL
		SC TECH	1 DAY		

#### OPTION

DAkks +3 days

