

KERN PLJ6200-2AM

High-quality precision scale with comfortable graphic display and enormous weighing range



Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	50 mg
Minimum weight (USP):	20 g
Readability [d]:	10 mg
Repeatability:	10 mg
Resolution:	620000
Stabilisation time under laboratory conditions:	3 s
Tare range:	6,200 kg
Warm up time:	4 h
Weighing capacity [Max]:	6,200 kg
Weighing system:	Force compensation
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

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:	620000
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
Density determination function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS US UK

Services (optional)

DAkkS Certificate:	963-104
Verification:	965-217

Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	520 x 360 x 415 mm
Gross weight:	7,200 kg
Net weight:	5,100 kg
Shipping method:	Parcel service

KERN PLJ6200-2AM



High-quality precision scale with comfortable graphic display and enormous weighing range

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	210 x 340 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 120 mm
Revolving screw feet:	yes
Weighing surface (d):	160

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KERN PLJ2000-3A

High-quality precision scale with comfortable graphic display and enormous weighing range



Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	4 mg
Minimum weight (USP):	4 g
Readability [d]:	1 mg
Recommended adjusting weight:	2 kg (E2)
Repeatability:	2 mg
Resolution:	2.100.000
Stabilisation time under laboratory conditions:	2 s
Tare range:	2,100 kg
Warm up time:	8 h
Weighing capacity [Max]:	2,100 kg
Weighing system:	Force compensation
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

Counting

Counting resolution:	42000
Minimum piece weight at piece counting (Laboratory):	50 mg
Minimum piece weight at piece counting (Normal):	500 mg
Reference weight:	yes

Functions

Capacity display:	yes
Counting function:	yes
Density determination function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH AUS US UK

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):	515 x 400 x 615 mm
Gross weight:	7,500 kg
Net weight:	6,500 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	190 x 195 x 230 mm
Dimensions housing (WxDxH):	210 x 340 x 330 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 330 mm
Revolving screw feet:	yes
Weighing space (WxDxH):	160 x 170 x 225 mm
Weighing surface (d):	110

KERN PLJ2000-3A

High-quality precision scale with comfortable graphic display and enormous weighing range



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KERN PLS4200-2F

High-quality precision scale with comfortable graphic display and enormous weighing range



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	30 mg
Linearity:	40 mg
Readability [d]:	10 mg
Recommended adjusting weight:	4 kg (E2)
Repeatability:	10 mg
Resolution:	420000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	4 h
Weighing capacity [Max]:	4,200 kg
Weighing system:	Strain gauge
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

Counting

Counting resolution:	84000
Minimum piece weight at piece counting (Laboratory):	50 mg
Minimum piece weight at piece counting (Normal):	500 mg
Reference weight:	yes

Functions

Capacity display:	yes
Counting function:	yes
Density determination function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS US UK

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 320 x 300 mm
Gross weight:	4,400 kg
Net weight:	3,200 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	210 x 340 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 120 mm
Revolving screw feet:	yes
Weighing surface (d):	160

KERN PLS4200-2F

High-quality precision scale with comfortable graphic display and enormous weighing range



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KERN PLJ1200-3A

High-quality precision scale with comfortable graphic display and enormous weighing range



Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	3 mg
Minimum weight (USP):	2 g
Readability [d]:	1 mg
Repeatability:	1 mg
Resolution:	1.200.000
Stabilisation time under laboratory conditions:	2 s
Tare range:	1,200 kg
Warm up time:	8 h
Weighing capacity [Max]:	1,200 kg
Weighing system:	Force compensation
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

Counting

Counting resolution:	240000
Minimum piece weight at piece counting (Laboratory):	5 mg
Minimum piece weight at piece counting (Normal):	50 mg
Reference weight:	yes

Functions

Capacity display:	yes
Counting function:	yes
Density determination function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS US UK

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):	500 x 360 x 420 mm
Gross weight:	7,500 kg
Net weight:	4,900 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (ÃxH):	160 70
Dimensions housing (WxDxH):	210 x 340 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 160 mm
Revolving screw feet:	yes
Weighing space (ÃxH):	150 60
Weighing surface (d):	110

KERN PLJ1200-3A

High-quality precision scale with comfortable graphic display and enormous weighing range



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KERN PLS720-3A

High-quality precision scale with comfortable graphic display and enormous weighing range



Functions

Capacity display:	yes
Counting function:	yes
Density determination function:	yes
Percentage determination:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH AUS US UK

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):	500 x 360 x 420 mm
Gross weight:	7 kg
Net weight:	4,800 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (ÅxH):	160 70
Dimensions housing (WxDxH):	210 x 340 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 160 mm
Revolving screw feet:	yes
Weighing space (ÅxH):	150 60
Weighing surface (d):	110

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:	720000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	4 h
Weighing capacity [Max]:	720 g
Weighing system:	Force compensation
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

Counting

Counting resolution:	144000
Minimum piece weight at piece counting (Laboratory):	5 mg
Minimum piece weight at piece counting (Normal):	50 mg
Reference weight:	yes

KERN PLS720-3A

High-quality precision scale with comfortable graphic display and enormous weighing range



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KERN PLJ420-3F

High-quality precision scale with comfortable graphic display and enormous weighing range



Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	4 mg
Linearity:	3 mg
Readability [d]:	1 mg
Repeatability:	1 mg
Resolution:	420000
Stabilisation time under laboratory conditions:	3 s
Tare range:	420 g
Warm up time:	4 h
Weighing capacity [Max]:	420 g
Weighing system:	Strain gauge
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

Counting

Counting resolution:	84000
Minimum piece weight at piece counting (Laboratory):	5 mg
Minimum piece weight at piece counting (Normal):	50 mg
Reference weight:	yes

Functions

Capacity display:	yes
Counting function:	yes
Density determination function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH AUS US UK

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):	500 x 360 x 420 mm
Gross weight:	7,500 kg
Net weight:	4,900 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (ÅxH):	160 70
Dimensions housing (WxDxH):	210 x 340 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 160 mm
Revolving screw feet:	yes
Weighing space (ÅxH):	150 60
Weighing surface (d):	110

KERN PLJ420-3F

High-quality precision scale with comfortable graphic display and enormous weighing range



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KERN PLS8000-2A

High-quality precision scale with comfortable graphic display and enormous weighing range



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	40 mg
Minimum weight (USP):	20 g
Readability [d]:	10 mg
Recommended adjusting weight:	8 kg (E2)
Repeatability:	10 mg
Resolution:	820000
Stabilisation time under laboratory conditions:	4 s
Warm up time:	4 h
Weighing capacity [Max]:	8,200 kg
Weighing system:	Force compensation
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

Counting

Counting resolution:	820000
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
Density determination function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH AUS US UK

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):	500 x 360 x 420 mm
Gross weight:	7 kg
Net weight:	4,800 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	210 x 340 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 120 mm
Revolving screw feet:	yes
Weighing surface (d):	160

KERN PLS8000-2A

High-quality precision scale with comfortable graphic display and enormous weighing range



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KERN PLJ720-3AM

High-quality precision scale with comfortable graphic display and enormous weighing range



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
Repeatability:	1 mg
Resolution:	720000
Stabilisation time under laboratory conditions:	3 s
Tare range:	720 g
Warm up time:	4 h
Weighing capacity [Max]:	720 g
Weighing system:	Force compensation
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

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:	720000
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
Density determination function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS US UK

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):	500 x 360 x 420 mm
Gross weight:	7,500 kg
Net weight:	4,900 kg
Shipping method:	Parcel service

KERN PLJ720-3AM



High-quality precision scale with comfortable graphic display and enormous weighing range

Construction

Casing material:	Plastic
Dimensions draft shield (ÃxH):	160 70
Dimensions housing (WxDxH):	210 x 340 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 160 mm
Revolving screw feet:	yes
Weighing space (ÃxH):	150 60
Weighing surface (d):	110

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KERN PLS20000-1F

High-quality precision scale with comfortable graphic display and enormous weighing range



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	400 mg
Linearity:	400 mg
Readability [d]:	100 mg
Recommended adjusting weight:	20 kg (E2)
Repeatability:	100 mg
Resolution:	200000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	20 kg
Weighing system:	Strain gauge
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

Counting

Counting resolution:	40000
Minimum piece weight at piece counting (Laboratory):	500 mg
Minimum piece weight at piece counting (Normal):	5 g
Reference weight:	yes

Functions

Capacity display:	yes
Counting function:	yes
Density determination function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS US UK

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):	500 x 360 x 420 mm
Gross weight:	4,400 kg
Net weight:	3,200 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	210 x 340 x 120 mm
Dimensions of weighing plate (WxDxH):	200 x 175 x 15 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 120 mm
Revolving screw feet:	yes
Weighing surface (WxD):	200 x 175 mm

KERN PLS2000-1F

High-quality precision scale with comfortable graphic display and enormous weighing range



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KERN PLJ6200-2A

High-quality precision scale with comfortable graphic display and enormous weighing range



Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	50 mg
Linearity:	30 mg
Minimum weight (USP):	20 g
Readability [d]:	10 mg
Repeatability:	10 mg
Resolution:	620000
Stabilisation time under laboratory conditions:	2 s
Tare range:	6,200 kg
Warm up time:	4 h
Weighing capacity [Max]:	6,200 kg
Weighing system:	Force compensation
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

Counting

Counting resolution:	620000
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
Density determination function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS US UK

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):	520 x 360 x 415 mm
Gross weight:	7,500 kg
Net weight:	4,900 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	210 x 340 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 120 mm
Revolving screw feet:	yes
Weighing surface (d):	160

KERN PLJ6200-2A

High-quality precision scale with comfortable graphic display and enormous weighing range



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KERN PLS420-3F

High-quality precision scale with comfortable graphic display and enormous weighing range



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	4 mg
Linearity:	4 mg
Readability [d]:	1 mg
Recommended adjusting weight:	400 g (E2)
Repeatability:	1 mg
Resolution:	420000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	4 h
Weighing capacity [Max]:	420 g
Weighing system:	Strain gauge
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

Counting

Counting resolution:	84000
Minimum piece weight at piece counting (Laboratory):	5 mg
Minimum piece weight at piece counting (Normal):	50 mg
Reference weight:	yes

Functions

Capacity display:	yes
Counting function:	yes
Density determination function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS US UK

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):	500 x 360 x 420 mm
Gross weight:	4,400 kg
Net weight:	3,200 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (ÅxH):	160 70
Dimensions housing (WxDxH):	210 x 340 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 160 mm
Revolving screw feet:	yes
Weighing space (ÅxH):	150 60
Weighing surface (d):	110

KERN PLS420-3F

High-quality precision scale with comfortable graphic display and enormous weighing range



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FACTORY



KERN PLS1200-3A

High-quality precision scale with comfortable graphic display and enormous weighing range



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	3 mg
Minimum weight (USP):	2 g
Readability [d]:	1 mg
Recommended adjusting weight:	1 kg (E2)
Repeatability:	1 mg
Resolution:	1.200.000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	8 h
Weighing capacity [Max]:	1,200 kg
Weighing system:	Force compensation
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

Counting

Counting resolution:	240000
Minimum piece weight at piece counting (Laboratory):	5 mg
Minimum piece weight at piece counting (Normal):	50 mg
Reference weight:	yes

Functions

Capacity display:	yes
Counting function:	yes
Density determination function:	yes
Percentage determination:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS US UK

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):	500 x 360 x 420 mm
Gross weight:	7 kg
Net weight:	4,800 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (ÅxH):	160 70
Dimensions housing (WxDxH):	210 x 340 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 160 mm
Revolving screw feet:	yes
Weighing space (ÅxH):	150 60
Weighing surface (d):	110

KERN PLS1200-3A

High-quality precision scale with comfortable graphic display and enormous weighing range



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OPTION



FACTORY



KERN PLS6200-2A

High-quality precision scale with comfortable graphic display and enormous weighing range



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 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:	2 s
Warm up time:	4 h
Weighing capacity [Max]:	6,200 kg
Weighing system:	Force compensation
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

Counting

Counting resolution:	124000
Minimum piece weight at piece counting (Laboratory):	50 mg
Minimum piece weight at piece counting (Normal):	500 mg
Reference weight:	yes

Functions

Capacity display:	yes
Counting function:	yes
Density determination function:	yes
Percentage determination:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH AUS US UK

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):	500 x 360 x 420 mm
Gross weight:	7 kg
Net weight:	4,800 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	210 x 340 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 120 mm
Revolving screw feet:	yes
Weighing surface (d):	160

KERN PLS6200-2A



High-quality precision scale with comfortable graphic display and enormous weighing range

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OPTION



FACTORY



KERN PLJ4200-2F

High-quality precision scale with comfortable graphic display and enormous weighing range



Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	40 mg
Linearity:	40 mg
Readability [d]:	10 mg
Repeatability:	20 mg
Resolution:	420000
Stabilisation time under laboratory conditions:	3 s
Tare range:	4,200 kg
Warm up time:	4 h
Weighing capacity [Max]:	4,200 kg
Weighing system:	Strain gauge
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

Counting

Counting resolution:	84000
Minimum piece weight at piece counting (Laboratory):	50 mg
Minimum piece weight at piece counting (Normal):	500 mg
Reference weight:	yes

Functions

Capacity display:	yes
Counting function:	yes
Density determination function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS US UK

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):	500 x 360 x 420 mm
Gross weight:	7,500 kg
Net weight:	4,900 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	210 x 340 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 120 mm
Revolving screw feet:	yes
Weighing surface (d):	160

KERN PLJ4200-2F

High-quality precision scale with comfortable graphic display and enormous weighing range



Piktogramme

STANDARD



OPTION



FACTORY



KERN PLJ720-3A

High-quality precision scale with comfortable graphic display and enormous weighing range



Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	4 mg
Linearity:	2 mg
Minimum weight (USP):	2 g
Readability [d]:	1 mg
Repeatability:	1 mg
Resolution:	720000
Stabilisation time under laboratory conditions:	2 s
Tare range:	720 g
Warm up time:	4 h
Weighing capacity [Max]:	720 g
Weighing system:	Force compensation
Weighing units:	dwt ct tl (Tw) gn oz mg ozt tl (HK) g mo lb tl (Singap. Malays)

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

Counting

Counting resolution:	720000
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
Density determination function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Time display:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH AUS US UK

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):	500 x 360 x 420 mm
Gross weight:	7,500 kg
Net weight:	4,900 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (ÅxH):	160 70
Dimensions housing (WxDxH):	210 x 340 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 160 mm
Revolving screw feet:	yes
Weighing space (ÅxH):	150 60
Weighing surface (d):	110

KERN PLJ720-3A

High-quality precision scale with comfortable graphic display and enormous weighing range



Piktogramme

STANDARD



OPTION



FACTORY

