

KERN ADB100-4

The price leader in analytical balances - now also with internal adjustment



Functions

Counting function:	yes
Percentage determination:	yes
Standby function:	yes

Environmental conditions

Maximum humidity:	85 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C
Minimum humidity:	20 %

Power supply

Input voltage:	100-265V; 50-60Hz; 2.0A
Mains adapter/adaptor included:	EURO US UK

Services (optional)

DAkkS Certificate:	963-101
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Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	390 x 490 x 460 mm
Gross weight:	7,200 kg
Net weight:	4,400 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	175 x 175 x 230 mm
Dimensions housing (WxDxH):	230 x 310 x 330 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	170 x 160 x 205 mm
Weighing surface (d):	90

Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,400 mg
Minimum weight (USP):	400 mg
Readability [d]:	0,100 mg
Recommended adjusting weight:	120 g (E2)
Repeatability:	0,200 mg
Resolution:	1.200.000
Stabilisation time under laboratory conditions:	4 s
Tare range:	120 g
Warm up time:	8 h
Weighing capacity [Max]:	120 g
Weighing system:	Force compensation
Weighing units:	ct oz g lb

Display

Display digit height (large):	1,600 cm
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Counting

Counting resolution:	120000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg

KERN ADB 100-4



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Piktogramme

STANDARD



OPTION



KERN ADB 200-4

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Functions

Counting function:	yes
Percentage determination:	yes
Standby function:	yes

Environmental conditions

Maximum humidity:	85 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C
Minimum humidity:	20 %

Power supply

Input voltage:	100-265V; 50-60Hz; 2.0A
Mains adapter/adaptor included:	EURO US UK

Services (optional)

DAkkS Certificate:	963-101
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Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	380 x 490 x 460 mm
Gross weight:	7 kg
Net weight:	4,400 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	175 x 175 x 230 mm
Dimensions housing (WxDxH):	230 x 310 x 330 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	170 x 160 x 205 mm
Weighing surface (d):	90

Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,400 mg
Minimum weight (USP):	400 mg
Readability [d]:	0,100 mg
Recommended adjusting weight:	200 g (E2)
Repeatability:	0,200 mg
Resolution:	2.200.000
Stabilisation time under laboratory conditions:	3 s
Tare range:	220 g
Warm up time:	8 h
Weighing capacity [Max]:	220 g
Weighing system:	Force compensation
Weighing units:	ct oz g lb

Display

Display digit height (large):	1,600 cm
Display digit height (small):	1,600 cm

Counting

Counting resolution:	220000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg

KERN ADB 200-4



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Piktogramme

STANDARD



OPTION



KERN ADB 600-C3

The price leader in analytical balances - now also with internal adjustment



Functions

Counting function:	yes
Percentage determination:	yes
Standby function:	yes

Environmental conditions

Maximum humidity:	85 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C
Minimum humidity:	20 %

Power supply

Input voltage:	100-265V; 50-60Hz; 2.0A
Mains adapter/adaptor included:	EURO US UK

Services (optional)

DAkkS Certificate:	963-101
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Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	401 x 521 x 408 mm
Gross weight:	6,100 kg
Net weight:	3,800 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	175 x 175 x 130 mm
Dimensions housing (WxDxH):	230 x 310 x 210 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	170 x 160 x 110 mm
Weighing surface (d):	90

Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,800 mg
Minimum weight (USP):	800 mg
Readability [d]:	0,100 mg
Recommended adjusting weight:	120 g (E2)
Repeatability:	0,400 mg
Resolution:	1.200.000
Stabilisation time under laboratory conditions:	4 s
Tare range:	120 g
Warm up time:	8 h
Weighing capacity [Max]:	120 g
Weighing system:	Force compensation
Weighing units:	ct oz g lb

Display

Display digit height (large):	1,600 cm
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Counting

Counting resolution:	120000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg

KERN ADB 600-C3



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OPTION



KERN ADJ100-4

The price leader in analytical balances - now also with internal adjustment



Functions

Counting function:	yes
Percentage determination:	yes
Standby function:	yes

Environmental conditions

Maximum humidity:	85 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C
Minimum humidity:	20 %

Power supply

Input voltage:	100-265V; 50-60Hz; 2.0A
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO US UK

Services (optional)

DAkkS Certificate:	963-101
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Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	375 x 524 x 412 mm
Gross weight:	7,600 kg
Net weight:	5 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	175 x 175 x 230 mm
Dimensions housing (WxDxH):	230 x 310 x 330 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	170 x 160 x 205 mm
Weighing surface (d):	90

Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,400 mg
Minimum weight (USP):	400 mg
Readability [d]:	0,100 mg
Recommended adjusting weight:	120 g (E2)
Repeatability:	0,200 mg
Resolution:	1.200.000
Stabilisation time under laboratory conditions:	4 s
Tare range:	120 g
Warm up time:	8 h
Weighing capacity [Max]:	120 g
Weighing system:	Force compensation
Weighing units:	ct oz g lb

Display

Display digit height (large):	1,600 cm
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Counting

Counting resolution:	120000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg

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OPTION



KERN ADJ200-4

The price leader in analytical balances - now also with internal adjustment



Functions

Counting function:	yes
Percentage determination:	yes
Standby function:	yes

Environmental conditions

Maximum humidity:	85 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C
Minimum humidity:	20 %

Power supply

Input voltage:	100-265V; 50-60Hz; 2.0A
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	US EURO UK

Services (optional)

DAkkS Certificate:	963-101
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Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 443 x 396 mm
Gross weight:	7,800 kg
Net weight:	5 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	175 x 175 x 230 mm
Dimensions housing (WxDxH):	230 x 310 x 330 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	170 x 160 x 205 mm
Weighing surface (d):	90

Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,400 mg
Minimum weight (USP):	400 mg
Readability [d]:	0,100 mg
Recommended adjusting weight:	200 g (E2)
Repeatability:	0,200 mg
Resolution:	2.100.000
Stabilisation time under laboratory conditions:	3 s
Tare range:	210 g
Warm up time:	8 h
Weighing capacity [Max]:	210 g
Weighing system:	Force compensation
Weighing units:	lb ct g oz

Display

Display digit height (large):	1,600 cm
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Counting

Counting resolution:	210000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg

KERN ADJ200-4



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OPTION



KERN ADJ600-C3

The price leader in analytical balances - now also with internal adjustment



Functions

Counting function:	yes
Percentage determination:	yes
Standby function:	yes

Environmental conditions

Maximum humidity:	85 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C
Minimum humidity:	20 %

Power supply

Input voltage:	100-265V; 50-60Hz; 2.0A
Mains adapter/adapter included:	EURO US UK

Services (optional)

DAkkS Certificate:	963-101
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Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	336 x 455 x 425 mm
Gross weight:	6,700 kg
Net weight:	4,500 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	175 x 175 x 130 mm
Dimensions housing (WxDxH):	230 x 310 x 210 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	170 x 160 x 110 mm
Weighing surface (d):	90

Measuring system

Adjustment options:	Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,800 mg
Minimum weight (USP):	800 mg
Readability [d]:	0,100 mg
Recommended adjusting weight:	120 g (E2)
Repeatability:	0,400 mg
Resolution:	1.200.000
Stabilisation time under laboratory conditions:	4 s
Tare range:	120 g
Warm up time:	8 h
Weighing capacity [Max]:	120 g
Weighing system:	Force compensation
Weighing units:	ct oz g lb

Display

Display digit height (large):	1,600 cm
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Counting

Counting resolution:	120000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg

KERN ADJ600-C3



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