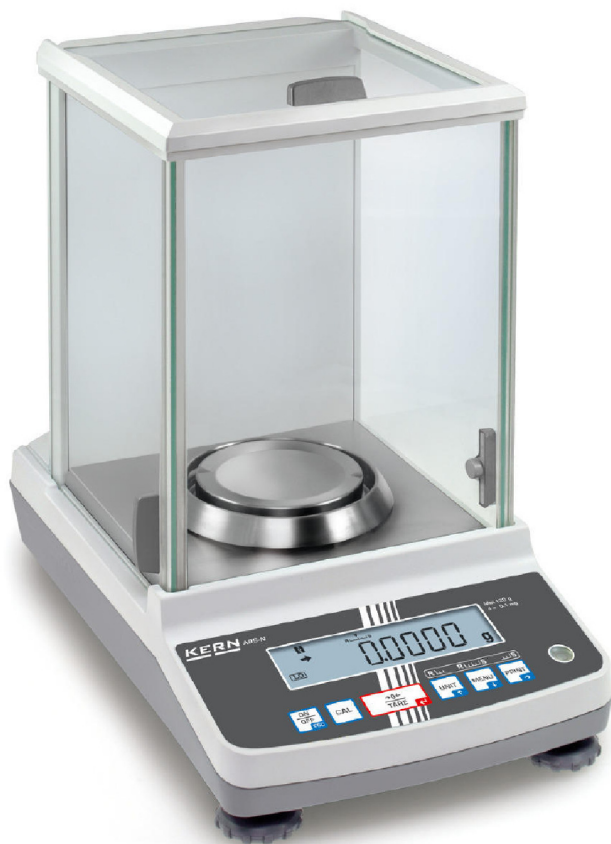


KERN ABJ120-4NM



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Counting

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

Functions

Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

Environmental conditions

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

Power supply

Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	AUS US EURO CH UK

Services (optional)

DAkkS Certificate:	963-101
--------------------	---------

Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	390 x 563 x 515 mm
Gross weight:	9,207 kg
Net weight:	6,271 kg
Shipping method:	Parcel service

Construction

Dimensions draft shield (WxDxH):	201 x 220 x 256 mm
Dimensions housing (WxDxH):	213 x 333 x 338 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	174 x 162 x 227 mm
Weighing surface (d):	91

Measuring system

Adjustment options:	Internal calibration (manual) Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,300 mg
Minimum weight (USP):	400 mg
Readability [d]:	0,100 mg
Repeatability:	0,200 mg
Resolution:	1.200.000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	8 h
Weighing capacity [Max]:	120 g
Weighing units:	mg ct g

Display

Display digit height (large):	1,400 cm
-------------------------------	----------

Technical data about verification

Verification class:	I
---------------------	---

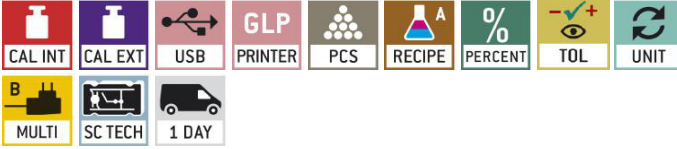
KERN ABJ120-4NM



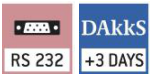
The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Piktogramme

STANDARD



OPTION



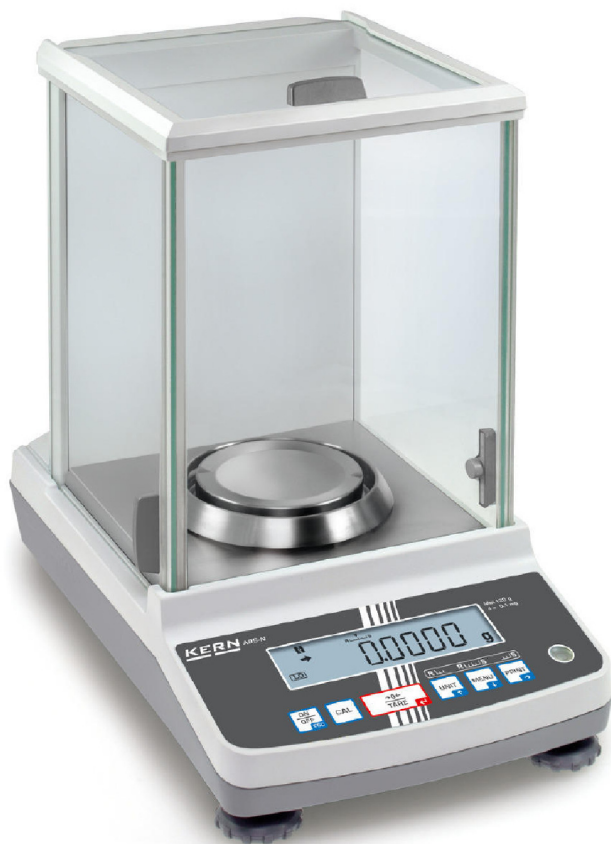
FACTORY



KERN ABJ220-4NM



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Counting

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

Functions

Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

Environmental conditions

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

Power supply

Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH AUS US UK

Services (optional)

DAkkS Certificate:	963-101
--------------------	---------

Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	390 x 560 x 520 mm
Gross weight:	9,220 kg
Net weight:	6,345 kg
Shipping method:	Parcel service

Construction

Dimensions draft shield (WxDxH):	201 x 220 x 256 mm
Dimensions housing (WxDxH):	213 x 333 x 338 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	174 x 162 x 227 mm
Weighing surface (d):	91

Measuring system

Adjustment options:	Internal calibration (auto) Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,300 mg
Minimum weight (USP):	400 mg
Readability [d]:	0,100 mg
Repeatability:	0,200 mg
Resolution:	2.200.000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	8 h
Weighing capacity [Max]:	220 g
Weighing units:	ct mg g

Display

Display digit height (large):	1,400 cm
-------------------------------	----------

Technical data about verification

Verification class:	I
---------------------	---

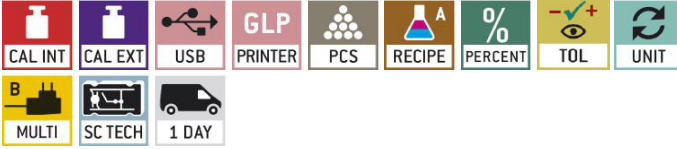
KERN ABJ220-4NM



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Piktogramme

STANDARD



OPTION



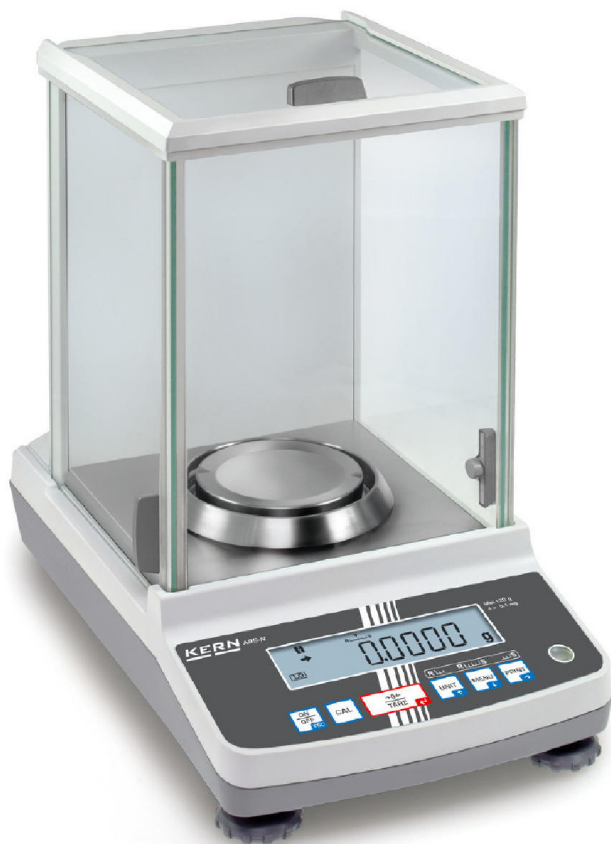
FACTORY



KERN ABJ320-4NM



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Counting

Counting resolution:	320000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg
Reference weight:	yes

Functions

Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

Environmental conditions

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

Power supply

Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS US UK

Services (optional)

DAkkS Certificate:	963-101
--------------------	---------

Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	390 x 570 x 530 mm
Gross weight:	8,970 kg
Net weight:	6,440 kg
Shipping method:	Parcel service

Construction

Dimensions draft shield (WxDxH):	201 x 220 x 256 mm
Dimensions housing (WxDxH):	213 x 333 x 338 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	174 x 162 x 227 mm
Weighing surface (d):	91

Measuring system

Adjustment options:	Internal calibration (auto) Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,300 mg
Minimum weight (USP):	400 mg
Readability [d]:	0,100 mg
Repeatability:	0,200 mg
Resolution:	3.200.000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	8 h
Weighing capacity [Max]:	320 g
Weighing units:	ct mg g

Display

Display digit height (large):	1,400 cm
-------------------------------	----------

Technical data about verification

Verification class:	I
---------------------	---

KERN ABJ320-4NM



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Piktogramme

STANDARD



OPTION



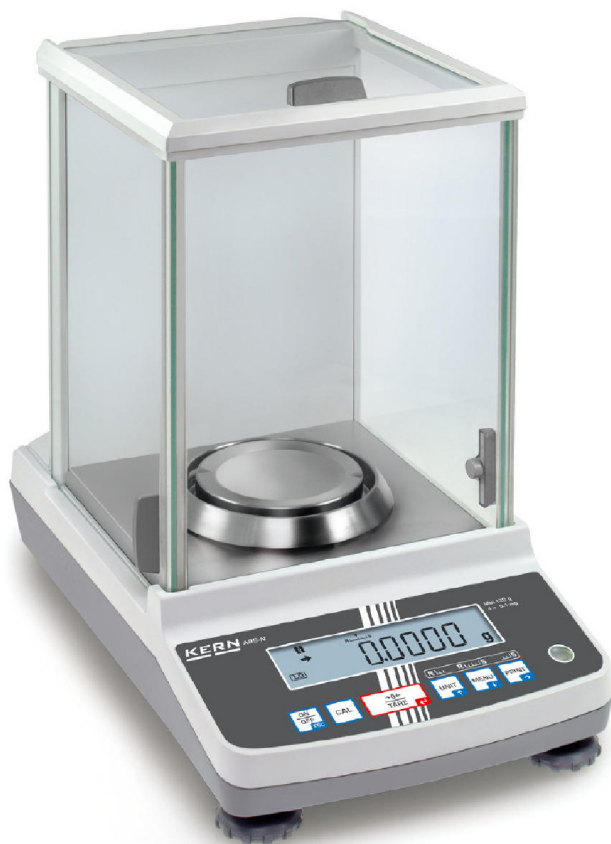
FACTORY



KERN ABJ80-4NM



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Counting

Counting resolution:	82000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg
Reference weight:	yes

Functions

Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

Environmental conditions

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

Power supply

Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS US UK

Services (optional)

DAkkS Certificate:	963-101
--------------------	---------

Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	395 x 565 x 530 mm
Gross weight:	8,700 kg
Net weight:	6,100 kg
Shipping method:	Parcel service

Construction

Dimensions draft shield (WxDxH):	201 x 220 x 256 mm
Dimensions housing (WxDxH):	213 x 333 x 338 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	174 x 162 x 227 mm
Weighing surface (d):	91

Measuring system

Adjustment options:	Internal calibration (auto) Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,300 mg
Minimum weight (USP):	400 mg
Readability [d]:	0,100 mg
Repeatability:	0,200 mg
Resolution:	820000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	4 h
Weighing capacity [Max]:	82 g
Weighing units:	mg g

Display

Display digit height (large):	1,400 cm
-------------------------------	----------

Technical data about verification

Verification class:	I
---------------------	---

KERN ABJ80-4NM



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Piktogramme

STANDARD



OPTION



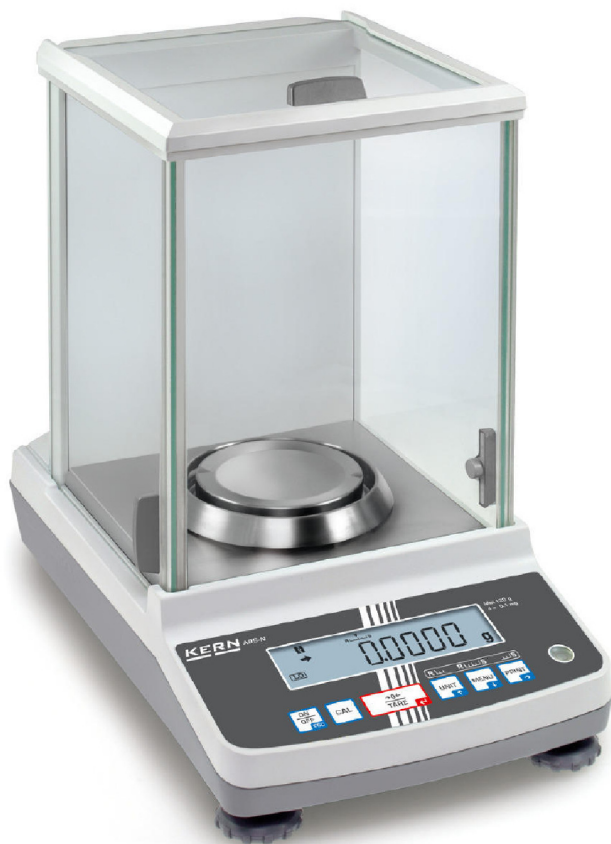
FACTORY



KERN ABS120-4N



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Minimum piece weight at piece counting (Normal): 10 mg

Reference weight: yes

Functions

Counting function: yes

Function to save totals: yes

Percentage determination: yes

Standby function: yes

Weighing with tolerance range: yes

Environmental conditions

Maximum humidity: 85 %

Maximum operating temperature: 30 °C

Minimum ambient temperature: 10 °C

Minimum humidity: 20 %

Power supply

Input voltage: 110 V - 230 V AC

Mains adapter: Mains adapter external

Mains adapter/adapter included: EURO CH US UK

Services (optional)

DAkkS Certificate: 963-101

Category

Brand: KERN

Category: Balances

Product Group: Analytical balance

Packaging & shipping

Delivery: 24 h

Dimensions packaging (WxDxH): 385 x 570 x 525 mm

Gross weight: 8,720 kg

Net weight: 5,832 kg

Shipping method: Parcel service

Construction

Casing material: Plastic

Dimensions draft shield (WxDxH): 201 x 220 x 256 mm

Dimensions housing (WxDxH): 213 x 333 x 338 mm

Level indicator: yes

Material weighing plate: stainless steel

Revolving screw feet: yes

Weighing space (WxDxH): 174 x 162 x 227 mm

Weighing surface (d): 91

Measuring system

Adjustment options: External calibration

Eccentric loading at 1/3 [Max]: 0,500 mg

Linearity: 0,300 mg

Minimum weight (USP): 400 mg

Readability [d]: 0,100 mg

Recommended adjusting weight: 100 g (E2)

Repeatability: 0,200 mg

Resolution: 1.200.000

Stabilisation time under laboratory conditions: 3 s

Warm up time: 8 h

Weighing capacity [Max]: 120 g

Weighing units: tl (Singap. Malays) ct tl (Tw) oz oz t mg g tl (Cn)

Display

Display digit height (large): 1,400 cm

Counting

Counting resolution: 120000

Minimum piece weight at piece counting (Laboratory): 1 mg

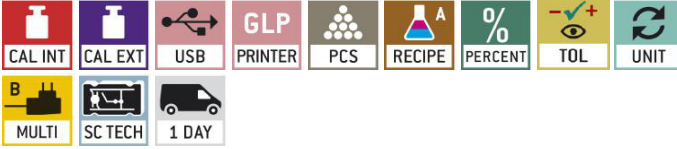
KERN ABS 120-4N



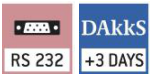
The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Piktogramme

STANDARD



OPTION



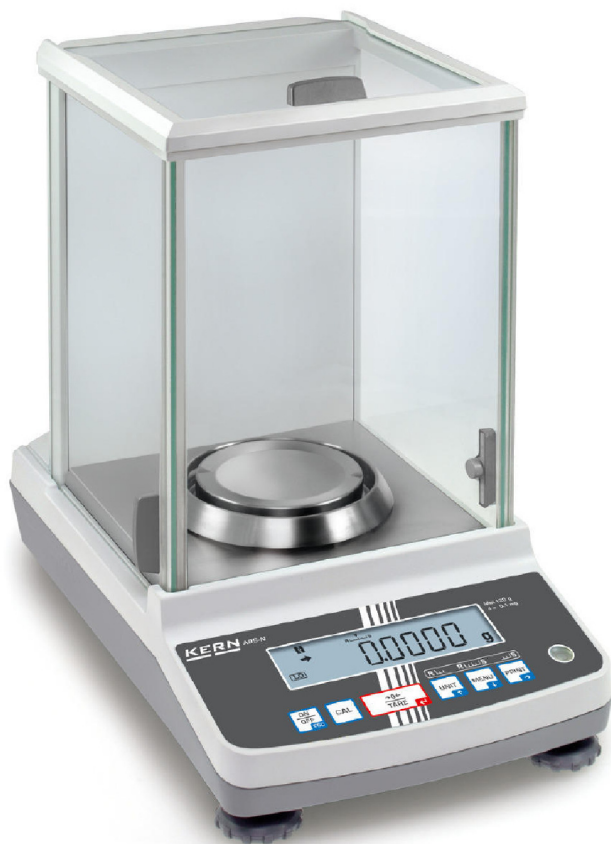
FACTORY



KERN ABS220-4N



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Minimum piece weight at piece counting (Normal): 10 mg

Reference weight: yes

Functions

Counting function: yes

Function to save totals: yes

Percentage determination: yes

Standby function: yes

Weighing with tolerance range: yes

Environmental conditions

Maximum humidity: 85 %

Maximum operating temperature: 30 °C

Minimum ambient temperature: 10 °C

Minimum humidity: 20 %

Power supply

Input voltage: 110 V - 230 V AC

Mains adapter: Mains adapter external

Mains adapter/adapter included: EURO CH US UK

Services (optional)

DAkkS Certificate: 963-101

Category

Brand: KERN

Category: Balances

Product Group: Analytical balance

Packaging & shipping

Delivery: 24 h

Dimensions packaging (WxDxH): 395 x 570 x 525 mm

Gross weight: 8,700 kg

Net weight: 6 kg

Shipping method: Parcel service

Construction

Casing material: Plastic

Dimensions draft shield (WxDxH): 201 x 220 x 256 mm

Dimensions housing (WxDxH): 213 x 333 x 338 mm

Level indicator: yes

Material weighing plate: stainless steel

Revolving screw feet: yes

Weighing space (WxDxH): 174 x 162 x 227 mm

Weighing surface (d): 91

Measuring system

Adjustment options: External calibration

Eccentric loading at 1/3 [Max]: 0,500 mg

Linearity: 0,300 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

Warm up time: 8 h

Weighing capacity [Max]: 220 g

Weighing units: tl (Singap. Malays) ct tl (Tw) oz oz t mg g tl (Cn)

Display

Display digit height (large): 1,400 cm

Counting

Counting resolution: 220000

Minimum piece weight at piece counting (Laboratory): 1 mg

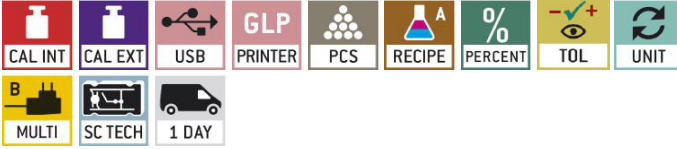
KERN ABS220-4N



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Piktogramme

STANDARD



OPTION



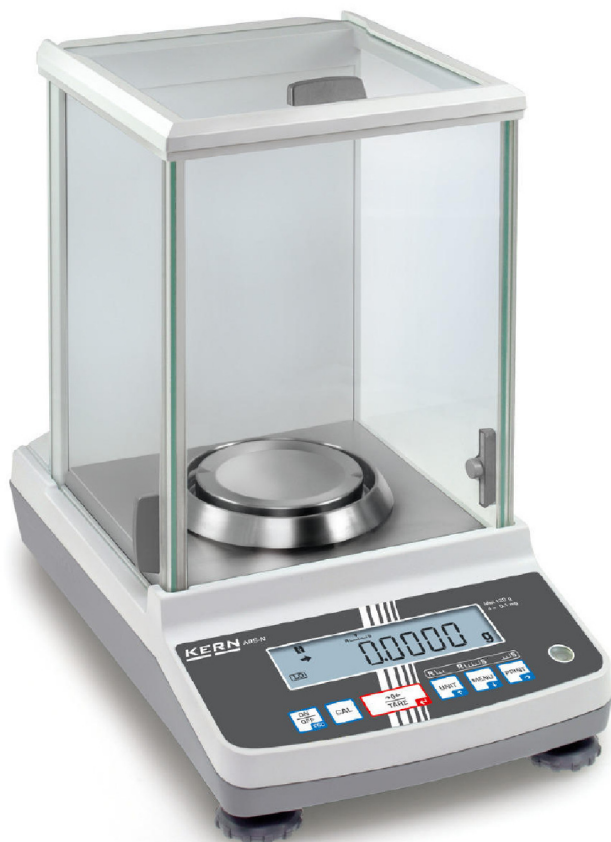
FACTORY



KERN ABS320-4N



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Minimum piece weight at piece counting (Normal): 10 mg

Reference weight: yes

Functions

Counting function: yes

Function to save totals: yes

Percentage determination: yes

Standby function: yes

Weighing with tolerance range: yes

Environmental conditions

Maximum humidity: 85 %

Maximum operating temperature: 30 °C

Minimum ambient temperature: 10 °C

Minimum humidity: 20 %

Power supply

Input voltage: 110 V - 230 V AC

Mains adapter: Mains adapter external

Mains adapter/adapter included: EURO CH US UK

Services (optional)

DAkkS Certificate: 963-101

Category

Brand: KERN

Category: Balances

Product Group: Analytical balance

Packaging & shipping

Delivery: 24 h

Dimensions packaging (WxDxH): 388 x 570 x 530 mm

Gross weight: 8,800 kg

Net weight: 5,900 kg

Shipping method: Parcel service

Construction

Casing material: Plastic

Dimensions draft shield (WxDxH): 201 x 220 x 256 mm

Dimensions housing (WxDxH): 213 x 333 x 338 mm

Level indicator: yes

Material weighing plate: stainless steel

Revolving screw feet: yes

Weighing space (WxDxH): 174 x 162 x 227 mm

Weighing surface (d): 91

Measuring system

Adjustment options: External calibration

Eccentric loading at 1/3 [Max]: 0,500 mg

Linearity: 0,300 mg

Minimum weight (USP): 400 mg

Readability [d]: 0,100 mg

Recommended adjusting weight: 300 g (E2)

Repeatability: 0,200 mg

Resolution: 3.200.000

Stabilisation time under laboratory conditions: 3 s

Warm up time: 8 h

Weighing capacity [Max]: 320 g

Weighing units: tl (Singap. Malays) ct tl (Tw) oz oz t mg g tl (Cn)

Display

Display digit height (large): 1,400 cm

Counting

Counting resolution: 320000

Minimum piece weight at piece counting (Laboratory): 1 mg

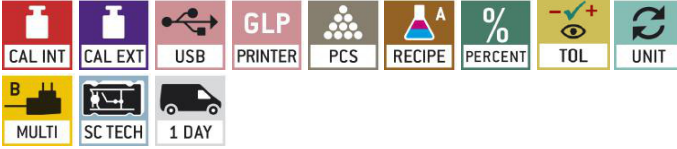
KERN ABS320-4N



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Piktogramme

STANDARD



OPTION



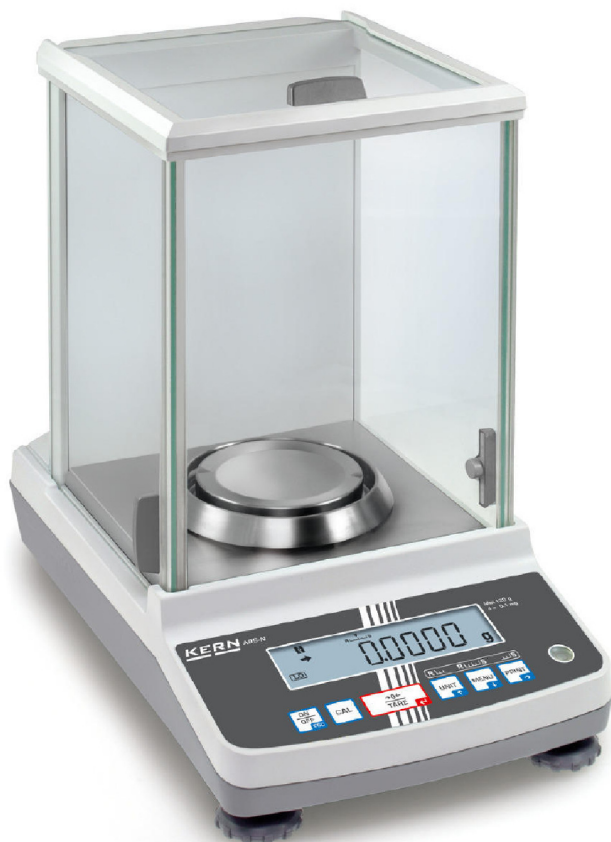
FACTORY



KERN ABS80-4N



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Minimum piece weight at piece counting (Normal): 10 mg

Reference weight: yes

Functions

Counting function: yes

Function to save totals: yes

Percentage determination: yes

Standby function: yes

Weighing with tolerance range: yes

Environmental conditions

Maximum humidity: 85 %

Maximum operating temperature: 30 °C

Minimum ambient temperature: 10 °C

Minimum humidity: 20 %

Power supply

Input voltage: 110 V - 230 V AC

Mains adapter: Mains adapter external

Mains adapter/adapter included: EURO CH US UK

Services (optional)

DAkkS Certificate: 963-101

Category

Brand: KERN

Category: Balances

Product Group: Analytical balance

Packaging & shipping

Delivery: 24 h

Dimensions packaging (WxDxH): 390 x 560 x 530 mm

Gross weight: 9 kg

Net weight: 6 kg

Shipping method: Parcel service

Construction

Casing material: Plastic

Dimensions draft shield (WxDxH): 201 x 220 x 256 mm

Dimensions housing (WxDxH): 213 x 333 x 338 mm

Level indicator: yes

Material weighing plate: stainless steel

Revolving screw feet: yes

Weighing space (WxDxH): 174 x 162 x 227 mm

Weighing surface (d): 91

Measuring system

Adjustment options: External calibration

Eccentric loading at 1/3 [Max]: 0,500 mg

Linearity: 0,300 mg

Minimum weight (USP): 400 mg

Readability [d]: 0,100 mg

Recommended adjusting weight: 80 g (E2)

Repeatability: 0,200 mg

Resolution: 820000

Stabilisation time under laboratory conditions: 3 s

Warm up time: 4 h

Weighing capacity [Max]: 82 g

Weighing units: tl (Singap. Malays) ct tl (Tw) oz oz t mg g tl (Cn)

Display

Display digit height (large): 1,400 cm

Counting

Counting resolution: 82000

Minimum piece weight at piece counting (Laboratory): 1 mg

KERN ABS80-4N



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Piktogramme

STANDARD



OPTION



FACTORY



KERN ACJ100-4M



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Verification by KERN possible:	yes
Verification class:	I
Verification value [e]:	1 mg

Counting

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

Functions

Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

Environmental conditions

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

Power supply

Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO CH UK

Services (optional)

DAkkS Certificate:	963-101
Verification:	965-201

Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	390 x 563 x 515 mm
Gross weight:	9,207 kg
Net weight:	6,271 kg
Shipping method:	Parcel service

Measuring system

Adjustment options:	Internal calibration (manual) Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,300 mg
Minimum weight (USP):	400 mg
Readability [d]:	0,100 mg
Recommended adjusting weight:	100 g (E2)
Repeatability:	0,200 mg
Resolution:	1.200.000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	8 h
Weighing capacity [Max]:	120 g
Weighing units:	mg ct g

Display

Display digit height (large):	1,400 cm
-------------------------------	----------

Technical data about verification

Minimum load [Min]:	10 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes

KERN ACJ100-4M



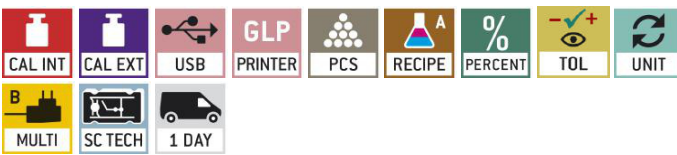
The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Construction

Dimensions draft shield (WxDxH):	201 x 220 x 256 mm
Dimensions housing (WxDxH):	213 x 333 x 338 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	174 x 162 x 227 mm
Weighing surface (d):	91

Piktogramme

STANDARD



OPTION



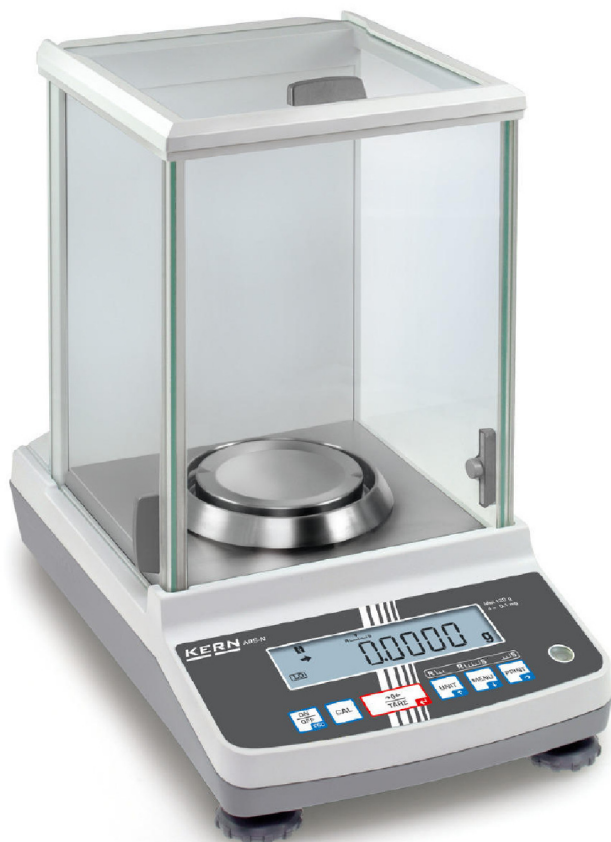
FACTORY



KERN ACJ200-4M



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Verification by KERN possible:	yes
Verification class:	I
Verification value [e]:	1 mg

Counting

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

Functions

Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

Environmental conditions

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

Power supply

Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH US UK

Services (optional)

DAkkS Certificate:	963-101
Verification:	965-201

Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	390 x 560 x 520 mm
Gross weight:	9,220 kg
Net weight:	6,345 kg
Shipping method:	Parcel service

Measuring system

Adjustment options:	Internal calibration (auto) Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,300 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
Warm up time:	8 h
Weighing capacity [Max]:	220 g
Weighing units:	ct mg g

Display

Display digit height (large):	1,400 cm
-------------------------------	----------

Technical data about verification

Minimum load [Min]:	10 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes

KERN ACJ200-4M



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Construction

Dimensions draft shield (WxDxH):	201 x 220 x 256 mm
Dimensions housing (WxDxH):	213 x 333 x 338 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	174 x 162 x 227 mm
Weighing surface (d):	91

Piktogramme

STANDARD



OPTION



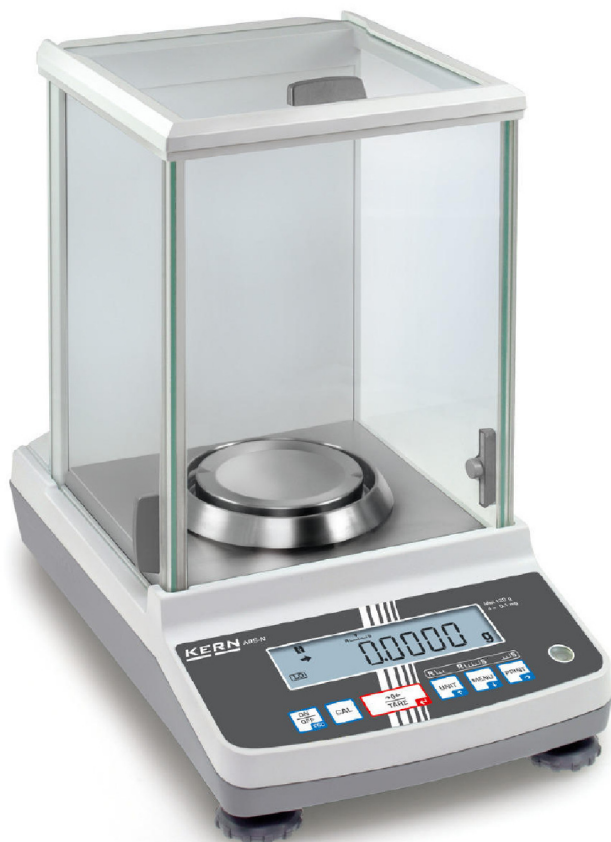
FACTORY



KERN ACJ300-4M



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Verification by KERN possible:	yes
Verification class:	I
Verification value [e]:	1 mg

Counting

Counting resolution:	320000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg
Reference weight:	yes

Functions

Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

Environmental conditions

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

Power supply

Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH US UK

Services (optional)

DAkkS Certificate:	963-101
Verification:	965-201

Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	390 x 570 x 530 mm
Gross weight:	8,970 kg
Net weight:	6,440 kg
Shipping method:	Parcel service

Measuring system

Adjustment options:	Internal calibration (auto) Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,300 mg
Minimum weight (USP):	400 mg
Readability [d]:	0,100 mg
Recommended adjusting weight:	300 g (E2)
Repeatability:	0,200 mg
Resolution:	3.200.000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	8 h
Weighing capacity [Max]:	320 g
Weighing units:	ct mg g

Display

Display digit height (large):	1,400 cm
-------------------------------	----------

Technical data about verification

Minimum load [Min]:	10 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes

KERN ACJ300-4M



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Construction

Dimensions draft shield (WxDxH):	201 x 220 x 256 mm
Dimensions housing (WxDxH):	213 x 333 x 338 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	174 x 162 x 227 mm
Weighing surface (d):	91

Piktogramme

STANDARD



OPTION



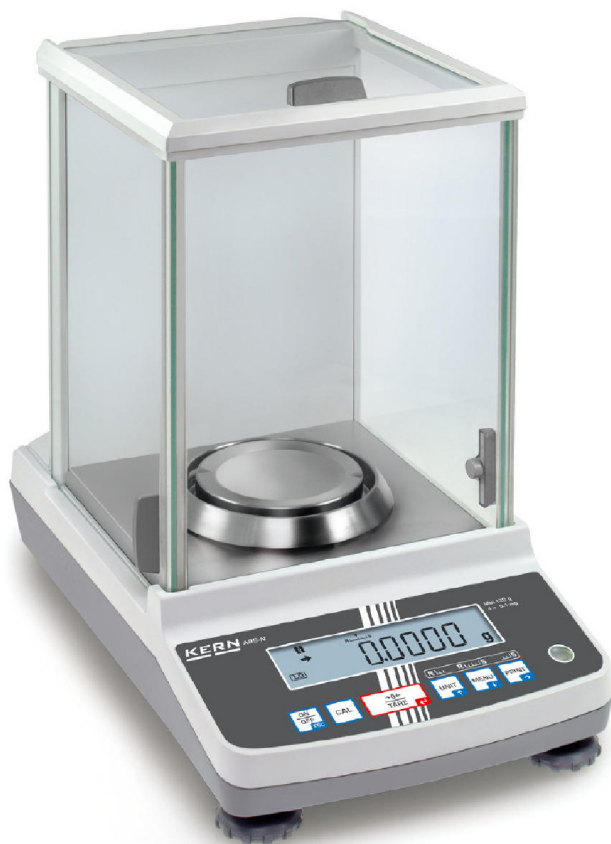
FACTORY



KERN ACJ80-4M



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Verification by KERN possible:	yes
Verification class:	I
Verification value [e]:	1 mg

Counting

Counting resolution:	82000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg
Reference weight:	yes

Functions

Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

Environmental conditions

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

Power supply

Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO CH UK

Services (optional)

DAkkS Certificate:	963-101
Verification:	965-201

Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	390 x 565 x 520 mm
Gross weight:	8,900 kg
Net weight:	6,100 kg
Shipping method:	Parcel service

Measuring system

Adjustment options:	Internal calibration (manual) Internal calibration (auto)
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,300 mg
Minimum weight (USP):	400 mg
Readability [d]:	0,100 mg
Recommended adjusting weight:	80 g (E2)
Repeatability:	0,200 mg
Resolution:	820000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	4 h
Weighing capacity [Max]:	82 g
Weighing units:	mg g

Display

Display digit height (large):	1,400 cm
-------------------------------	----------

Technical data about verification

Minimum load [Min]:	10 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes

KERN ACJ80-4M



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Construction

Dimensions draft shield (WxDxH):	201 x 220 x 256 mm
Dimensions housing (WxDxH):	213 x 333 x 338 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	174 x 162 x 227 mm
Weighing surface (d):	91

Piktogramme

STANDARD



OPTION



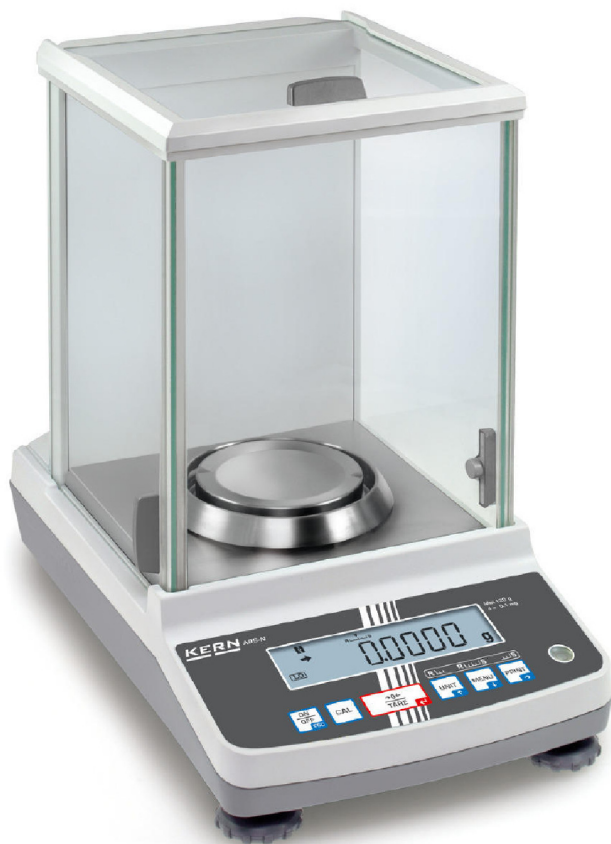
FACTORY



KERN ACS100-4



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Reference weight: yes

Functions

Counting function: yes

Function to save totals: yes

Percentage determination: yes

Standby function: yes

Weighing with tolerance range: yes

Environmental conditions

Maximum humidity: 85 %

Maximum operating temperature: 30 °C

Minimum ambient temperature: 10 °C

Minimum humidity: 20 %

Power supply

Input voltage: 110 V - 230 V AC

Mains adapter: Mains adapter external

Mains adapter/adapter included: EURO CH US UK

Services (optional)

DAkkS Certificate: 963-101

Category

Brand: KERN

Category: Balances

Product Group: Analytical balance

Packaging & shipping

Delivery: 24 h

Dimensions packaging (WxDxH): 392 x 570 x 520 mm

Gross weight: 8,491 kg

Net weight: 5,746 kg

Shipping method: Parcel service

Construction

Casing material: Plastic

Dimensions draft shield (WxDxH): 201 x 220 x 256 mm

Dimensions housing (WxDxH): 213 x 333 x 338 mm

Level indicator: yes

Material weighing plate: stainless steel

Revolving screw feet: yes

Weighing space (WxDxH): 174 x 162 x 227 mm

Weighing surface (d): 91

Measuring system

Adjustment options: External calibration

Eccentric loading at 1/3 [Max]: 0,500 mg

Linearity: 0,300 mg

Minimum weight (USP): 400 mg

Readability [d]: 0,100 mg

Recommended adjusting weight: 100 g (E2)

Repeatability: 0,200 mg

Resolution: 1.200.000

Stabilisation time under laboratory conditions: 3 s

Warm up time: 8 h

Weighing capacity [Max]: 120 g

Weighing units: ct mg g

Display

Display digit height (large): 1,400 cm

Counting

Counting resolution: 120000

Minimum piece weight at piece counting (Laboratory): 1 mg

Minimum piece weight at piece counting (Normal): 10 mg

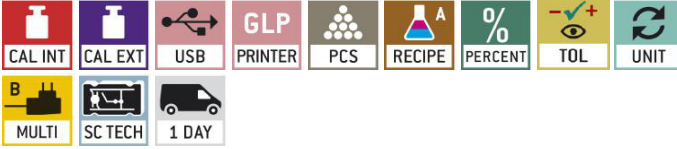
KERN ACS 100-4



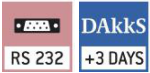
The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Piktogramme

STANDARD



OPTION



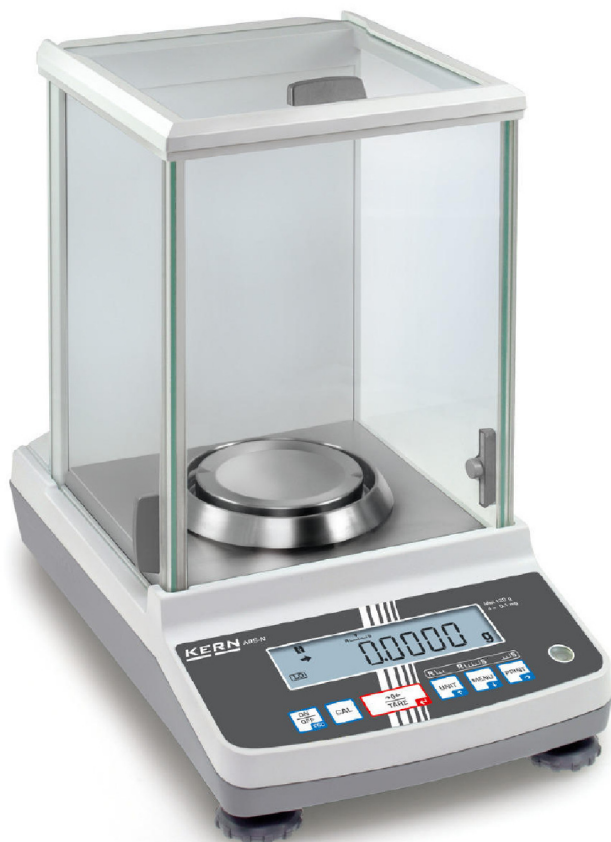
FACTORY



KERN ACS200-4



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Reference weight: yes

Functions

Counting function: yes

Function to save totals: yes

Percentage determination: yes

Standby function: yes

Weighing with tolerance range: yes

Environmental conditions

Maximum humidity: 85 %

Maximum operating temperature: 30 °C

Minimum ambient temperature: 10 °C

Minimum humidity: 20 %

Power supply

Input voltage: 110 V - 230 V AC

Mains adapter: Mains adapter external

Mains adapter/adapter included: EURO CH US UK

Services (optional)

DAkkS Certificate: 963-101

Category

Brand: KERN

Category: Balances

Product Group: Analytical balance

Packaging & shipping

Delivery: 24 h

Dimensions packaging (WxDxH): 395 x 560 x 530 mm

Gross weight: 8,200 kg

Net weight: 5,800 kg

Shipping method: Parcel service

Construction

Casing material: Plastic

Dimensions draft shield (WxDxH): 201 x 220 x 256 mm

Dimensions housing (WxDxH): 213 x 333 x 338 mm

Level indicator: yes

Material weighing plate: stainless steel

Revolving screw feet: yes

Weighing space (WxDxH): 174 x 162 x 227 mm

Weighing surface (d): 91

Measuring system

Adjustment options: External calibration

Eccentric loading at 1/3 [Max]: 0,500 mg

Linearity: 0,300 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

Warm up time: 8 h

Weighing capacity [Max]: 220 g

Weighing units: ct mg g

Display

Display digit height (large): 1,400 cm

Counting

Counting resolution: 220000

Minimum piece weight at piece counting (Laboratory): 1 mg

Minimum piece weight at piece counting (Normal): 10 mg

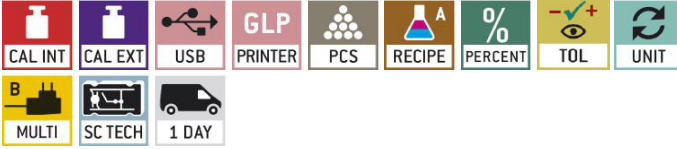
KERN ACS200-4



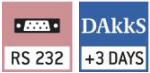
The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Piktogramme

STANDARD



OPTION

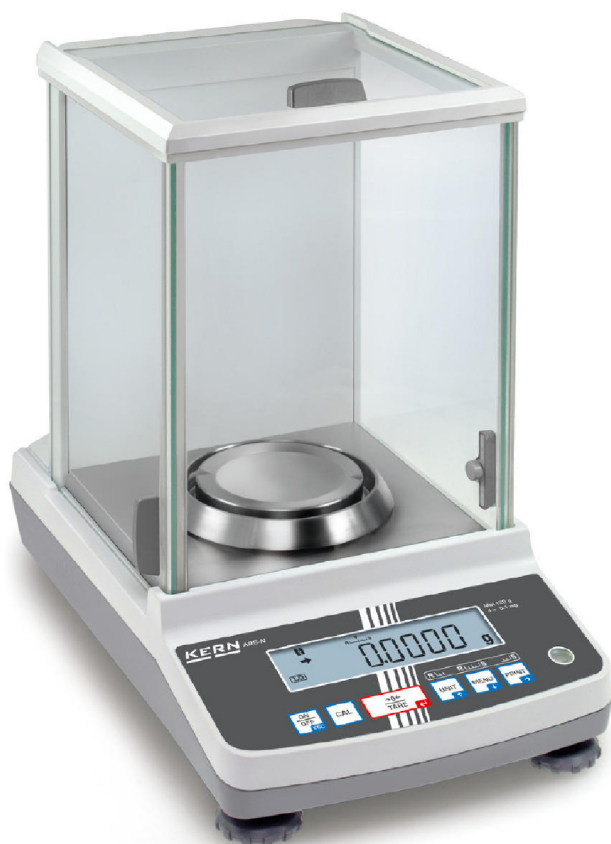


FACTORY



KERN ACS300-4

The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Reference weight: yes

Functions

Counting function: yes

Function to save totals: yes

Percentage determination: yes

Standby function: yes

Weighing with tolerance range: yes

Environmental conditions

Maximum humidity: 85 %

Maximum operating temperature: 30 °C

Minimum ambient temperature: 10 °C

Minimum humidity: 20 %

Power supply

Input voltage: 110 V - 230 V AC

Mains adapter: Mains adapter external

Mains adapter/adapter included: EURO CH US UK

Services (optional)

DAkkS Certificate: 963-101

Category

Brand: KERN

Category: Balances

Product Group: Analytical balance

Packaging & shipping

Delivery: 24 h

Dimensions packaging (WxDxH): 390 x 570 x 530 mm

Gross weight: 8,300 kg

Net weight: 5,900 kg

Shipping method: Parcel service

Construction

Casing material: Plastic

Dimensions draft shield (WxDxH): 201 x 220 x 256 mm

Dimensions housing (WxDxH): 213 x 333 x 338 mm

Level indicator: yes

Material weighing plate: stainless steel

Revolving screw feet: yes

Weighing space (WxDxH): 174 x 162 x 227 mm

Weighing surface (d): 90

Measuring system

Adjustment options: External calibration

Eccentric loading at 1/3 [Max]: 0,500 mg

Linearity: 0,300 mg

Minimum weight (USP): 400 mg

Readability [d]: 0,100 mg

Recommended adjusting weight: 300 g (E2)

Repeatability: 0,200 mg

Resolution: 3.200.000

Stabilisation time under laboratory conditions: 3 s

Warm up time: 8 h

Weighing capacity [Max]: 320 g

Weighing units: ct mg g

Display

Display digit height (large): 1,400 cm

Counting

Counting resolution: 320000

Minimum piece weight at piece counting (Laboratory): 1 mg

Minimum piece weight at piece counting (Normal): 10 mg

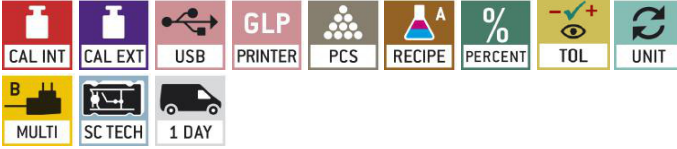
KERN ACS300-4



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Piktogramme

STANDARD



OPTION



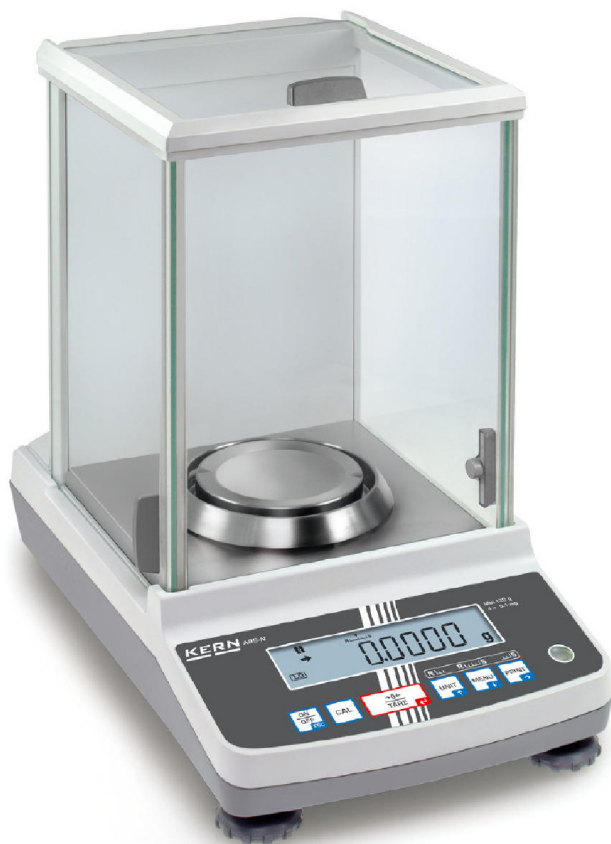
FACTORY



KERN ACS80-4



The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]



Reference weight: yes

Functions

Counting function: yes
Function to save totals: yes
Percentage determination: yes
Standby function: yes
Weighing with tolerance range: yes

Environmental conditions

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

Power supply

Input voltage: 110 V - 230 V AC
Mains adapter: Mains adapter external
Mains adapter/adapter included: EURO CH US UK

Services (optional)

DAkkS Certificate: 963-101

Category

Brand: KERN
Category: Balances
Product Group: Analytical balance

Packaging & shipping

Delivery: 24 h
Dimensions packaging (WxDxH): 390 x 565 x 520 mm
Gross weight: 8,900 kg
Net weight: 6,100 kg
Shipping method: Parcel service

Construction

Casing material: Plastic
Dimensions draft shield (WxDxH): 201 x 220 x 256 mm
Dimensions housing (WxDxH): 213 x 333 x 338 mm
Level indicator: yes
Material weighing plate: stainless steel
Revolving screw feet: yes
Weighing space (WxDxH): 174 x 162 x 227 mm
Weighing surface (d): 91

Measuring system

Adjustment options: External calibration
Eccentric loading at 1/3 [Max]: 0,500 mg
Linearity: 0,300 mg
Minimum weight (USP): 400 mg
Readability [d]: 0,100 mg
Recommended adjusting weight: 80 g (E2)
Repeatability: 0,200 mg
Resolution: 820000
Stabilisation time under laboratory conditions: 3 s
Warm up time: 4 h
Weighing capacity [Max]: 82 g
Weighing units: mg g

Display

Display digit height (large): 1,400 cm

Counting

Counting resolution: 82000
Minimum piece weight at piece counting (Laboratory): 1 mg
Minimum piece weight at piece counting (Normal): 10 mg

KERN ACS80-4



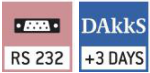
The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

Piktogramme

STANDARD



OPTION



FACTORY

