KERN ABJ120-4NM



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



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:	1

Counting	
Counting resolution:	120000
Mininum piece weight at piece counting (Laboratory:	1 mg
Mininum 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 %
Doworoupply	
Power supply	
Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter 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:	9,207 kg 6,271 kg
Net weight: Shipping method:	•
•	6,271 kg
Shipping method: Construction	6,271 kg
Shipping method: Construction Dimensions draft shield (WxDxH):	6,271 kg Parcel service
Shipping method: Construction	6,271 kg Parcel service 201 x 220 x 256 mm 213 x 333 x 338 mm
Shipping method: Construction Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator:	6,271 kg Parcel service 201 x 220 x 256 mm
Shipping method: Construction Dimensions draft shield (WxDxH): Dimensions housing (WxDxH):	6,271 kg Parcel service 201 x 220 x 256 mm 213 x 333 x 338 mm yes
Shipping method: Construction Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator: Material weighing plate:	6,271 kg Parcel service 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel
Shipping method: Construction Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator: Material weighing plate: Revolving screw feet:	6,271 kg Parcel service 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel yes

KERN ABJ120-4NM



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

Piktogramme

STANDARD

CAL INT	CAL EXT		GLP PRINTER	PCS	/0	-√+ ⊙ TOL	
	SC TECH	1 DAY					

OPTION





KERN ABJ220-4NM



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



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 cmTechnical data about verificationVerification class:I

Counting	
Counting resolution:	220000
Mininum piece weight at piece counting (Laboratory:	1 mg
Mininum 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
Mains adapter/adapter included.	2010 011/00 00 01
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:	Ves
Weighing space (WxDxH):	174 x 162 x 227 mm
Weighing surface (d):	91

KERN ABJ220-4NM



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

Piktogramme

STANDARD

CAL INT	CAL EXT		GLP PRINTER	PCS	/0	-√+ ⊙ TOL	
	SC TECH	1 DAY					

OPTION





KERN ABJ320-4NM



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



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 cmTechnical data about verificationVerification class:I

Counting	
Counting resolution:	320000
Mininum piece weight at piece counting (Laboratory:	1 mg
Mininum 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 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

KERN ABJ320-4NM



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

Piktogramme

STANDARD

T.	Ĩ	•	GLP		_ ^	%	-√+ ⊙	C
CAL INT	CAL EXT	USB	PRINTER	PCS	RECIPE	PERCENT	TOL	UNIT
B	<u>ک</u>							
MULTI	SC TECH	1 DAY						

OPTION





KERN ABJ80-4NM



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



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:	

Counting	
Counting resolution:	82000
Mininum piece weight at piece counting (Laboratory:	1 mg
Mininum 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):	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

KERN ABJ80-4NM



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

Piktogramme

STANDARD

CAL INT	CAL EXT		GLP PRINTER	PCS	/0	-√+ ⊙ TOL	
	SC TECH	1 DAY					

OPTION





KERN ABS120-4N



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



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 ozt mg g tl (Cn)

Display

Diopiay		
Display digit height (large):	1,400 cm	
Counting		
Counting resolution:	120000	
Mininum piece weight at piece counting (Laboratory:	1 mg	

Mininum piece weight at piece	10 mg
counting (Normal):	
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
DAkkS Certificate: Category	963-101
	963-101 KERN
Category	
Category Brand:	KERN
Category Brand: Category: Product Group:	KERN Balances
Category Brand: Category: Product Group: Packaging & shipping	KERN Balances Analytical balance
Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances Analytical balance 24 h
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Analytical balance 24 h 385 x 570 x 525 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances Analytical balance 24 h 385 x 570 x 525 mm 8,720 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Analytical balance 24 h 385 x 570 x 525 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	KERN Balances Analytical balance 24 h 385 x 570 x 525 mm 8,720 kg 5,832 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	KERN Balances Analytical balance 24 h 385 x 570 x 525 mm 8,720 kg 5,832 kg Parcel service
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	KERN Balances Analytical balance 24 h 385 x 570 x 525 mm 8,720 kg 5,832 kg Parcel service Plastic
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH):	KERN Balances Analytical balance 24 h 385 x 570 x 525 mm 8,720 kg 5,832 kg Parcel service Plastic 201 x 220 x 256 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH):	KERN Balances Analytical balance 24 h 385 x 570 x 525 mm 8,720 kg 5,832 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator:	KERN Balances Analytical balance 24 h 385 x 570 x 525 mm 8,720 kg 5,832 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator: Material weighing plate:	KERN Balances Analytical balance 24 h 385 x 570 x 525 mm 8,720 kg 5,832 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator: Material weighing plate: Revolving screw feet:	KERN Balances Analytical balance 24 h 385 x 570 x 525 mm 8,720 kg 5,832 kg Parcel service 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel yes
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator: Material weighing plate:	KERN Balances Analytical balance 24 h 385 x 570 x 525 mm 8,720 kg 5,832 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel

KERN ABS120-4N



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

Piktogramme

STANDARD

MULTI SC TECH 1 DAY

	CAL EXT	•	GLP		\	%	-√+ ⊙	3
CAL INT	CAL EXT	USB	PRINTER	PCS	RECIPE	PERCENT	TOL	UNIT
B	<u>آ</u>							

OPTION





KERN ABS220-4N



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



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 ozt mg g tl (Cn)

Display

-1		
Display digit height (large):	1,400 cm	
Counting		
Counting resolution:	220000	
Mininum piece weight at piece	1 mg	
counting (Laboratory:	ing	

Mininum piece weight at piece counting (Normal):	10 mg
Reference weight:	yes
	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
DAkkS Certificate: Category	963-101
	963-101 KERN
Category	
Category Brand:	KERN
Category Brand: Category: Product Group:	KERN Balances
Category Brand: Category: Product Group: Packaging & shipping	KERN Balances Analytical balance
Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances Analytical balance 24 h
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Analytical balance 24 h 395 x 570 x 525 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances Analytical balance 24 h 395 x 570 x 525 mm 8,700 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	KERN Balances Analytical balance 24 h 395 x 570 x 525 mm 8,700 kg 6 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances Analytical balance 24 h 395 x 570 x 525 mm 8,700 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	KERN Balances Analytical balance 24 h 395 x 570 x 525 mm 8,700 kg 6 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	KERN Balances Analytical balance 24 h 395 x 570 x 525 mm 8,700 kg 6 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	KERN Balances Analytical balance 24 h 395 x 570 x 525 mm 8,700 kg 6 kg Parcel service
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	KERN Balances Analytical balance 24 h 395 x 570 x 525 mm 8,700 kg 6 kg Parcel service Plastic
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH):	KERN Balances Analytical balance 24 h 395 x 570 x 525 mm 8,700 kg 6 kg Parcel service Plastic 201 x 220 x 256 mm
Category Brand: Category: Product Group: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH):	KERN Balances Analytical balance 24 h 395 x 570 x 525 mm 8,700 kg 6 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm
Category Brand: Category: Product Group: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator:	KERN Balances Analytical balance 24 h 395 x 570 x 525 mm 8,700 kg 6 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes
Category Brand: Category: Product Group: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator: Material weighing plate:	KERN Balances Analytical balance 24 h 395 x 570 x 525 mm 8,700 kg 6 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel
CategoryBrand:Category:Product Group:Product Group:Packaging & shippingDelivery:Dimensions packaging (WxDxH):Gross weight:Net weight:Shipping method:ConstructionCasing material:Dimensions draft shield (WxDxH):Dimensions housing (WxDxH):Level indicator:Material weighing plate:Revolving screw feet:	KERN Balances Analytical balance 24 h 395 x 570 x 525 mm 8,700 kg 6 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel yes

KERN ABS220-4N



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

Piktogramme

STANDARD

T.	Ĩ	•	GLP		_ ^	%	-√+ ⊙	C
CAL INT	CAL EXT	USB	PRINTER	PCS	RECIPE	PERCENT	TOL	UNIT
B	<u>ک</u>							
MULTI	SC TECH	1 DAY						

OPTION





KERN ABS320-4N



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



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 ozt mg g tl (Cn)

Display

-1		
Display digit height (large):	1,400 cm	
Counting		
Counting resolution:	320000	
Counting resolution:	320000	
Mininum piece weight at piece	1 mg	
counting (Laboratory:		

Mininum piece weight at piece	10 mg
counting (Normal):	
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	963-101
	963-101 KERN
Category	
Category Brand:	KERN
Category Brand: Category:	KERN Balances
Category Brand: Category: Product Group: Packaging & shipping	KERN Balances
Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances Analytical balance
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Analytical balance 24 h 388 x 570 x 530 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances Analytical balance 24 h 388 x 570 x 530 mm 8,800 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Analytical balance 24 h 388 x 570 x 530 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	KERN Balances Analytical balance 24 h 388 x 570 x 530 mm 8,800 kg 5,900 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	KERN Balances Analytical balance 24 h 388 x 570 x 530 mm 8,800 kg 5,900 kg Parcel service
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	KERN Balances Analytical balance 24 h 388 x 570 x 530 mm 8,800 kg 5,900 kg Parcel service Plastic
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH):	KERN Balances Analytical balance 24 h 388 x 570 x 530 mm 8,800 kg 5,900 kg Parcel service Plastic 201 x 220 x 256 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH):	KERN Balances Analytical balance 24 h 388 x 570 x 530 mm 8,800 kg 5,900 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Level indicator:	KERN Balances Analytical balance 24 h 388 x 570 x 530 mm 8,800 kg 5,900 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Level indicator: Material weighing plate:	KERN Balances Analytical balance 24 h 388 x 570 x 530 mm 8,800 kg 5,900 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel
Category Brand: Category: Product Group: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Level indicator: Material weighing plate: Revolving screw feet:	KERN Balances Analytical balance 24 h 388 x 570 x 530 mm 8,800 kg 5,900 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel yes
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Level indicator: Material weighing plate:	KERN Balances Analytical balance 24 h 388 x 570 x 530 mm 8,800 kg 5,900 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel

KERN ABS320-4N



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

Piktogramme

STANDARD

MULTI SC TECH 1 DAY

	CAL EXT	•	GLP		\	%	-√+ ⊙	3
CAL INT	CAL EXT	USB	PRINTER	PCS	RECIPE	PERCENT	TOL	UNIT
B	<u>آ</u>							

OPTION





KERN ABS80-4N



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



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 ozt mg g tl (Cn)

Display

Diopiay	
Display digit height (large):	1,400 cm
Counting	
Counting resolution:	82000
Mininum piece weight at piece counting (Laboratory:	1 mg

Mininum 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	
	110 V - 230 V AC
Input voltage: Mains adapter:	
	Mains adapter external EURO CH US UK
Mains adapter/adapter included:	EURU CH US UK
Services (optional)	
DAkkS Certificate:	963-101
DAkkS Certificate: Category	963-101
	963-101 KERN
Category	
Category Brand:	KERN
Category Brand: Category:	KERN Balances
Category Brand: Category: Product Group:	KERN Balances
Category Brand: Category: Product Group: Packaging & shipping	KERN Balances Analytical balance
Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances Analytical balance 24 h
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Analytical balance 24 h 390 x 560 x 530 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances Analytical balance 24 h 390 x 560 x 530 mm 9 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	KERN Balances Analytical balance 24 h 390 x 560 x 530 mm 9 kg 6 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	KERN Balances Analytical balance 24 h 390 x 560 x 530 mm 9 kg 6 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	KERN Balances Analytical balance 24 h 390 x 560 x 530 mm 9 kg 6 kg Parcel service Plastic
Category Brand: Category: Product Group: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH):	KERN Balances Analytical balance 24 h 390 x 560 x 530 mm 9 kg 6 kg Parcel service Plastic 201 x 220 x 256 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	KERN Balances Analytical balance 24 h 390 x 560 x 530 mm 9 kg 6 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm
Category Brand: Category: Product Group: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator:	KERN Balances Analytical balance 24 h 390 x 560 x 530 mm 9 kg 6 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes
Category Brand: Category: Product Group: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator: Material weighing plate:	KERN Balances Analytical balance 24 h 390 x 560 x 530 mm 9 kg 6 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel
CategoryBrand:Category:Product Group:Product Group:Packaging & shippingDelivery:Dimensions packaging (WxDxH):Gross weight:Net weight:Shipping method:ConstructionCasing material:Dimensions draft shield (WxDxH):Dimensions housing (WxDxH):Level indicator:Material weighing plate:Revolving screw feet:	KERN Balances Analytical balance 24 h 390 x 560 x 530 mm 9 kg 6 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel yes
Category Brand: Category: Product Group: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator: Material weighing plate:	KERN Balances Analytical balance 24 h 390 x 560 x 530 mm 9 kg 6 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel

KERN ABS80-4N



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

Piktogramme

STANDARD

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CAL INT	CAL EXT	USB	PRINTER	PCS	RECIPE	PERCENT	TOL	UNIT
B	<u>ک</u>							
MULTI	SC TECH	1 DAY						

OPTION





KERN ACJ100-4M



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



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):

Technical data about verification	n
Minimum load [Min]:	10 mg
Periodic Verification for Italy:	969-112
Verification approval conforming	yes

Verification by KERN possible:	yes
Verification class:	1
Verification value [e]:	1 mg
Counting	
Counting resolution:	120000
Mininum piece weight at piece	1 mg
counting (Laboratory:	
Mininum piece weight at piece	10 mg
counting (Normal):	
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 %
- -	20 %
Power supply	
Power supply Input voltage:	110 V - 230 V AC
Power supply Input voltage: Mains adapter:	110 V - 230 V AC Mains adapter external
Power supply Input voltage:	110 V - 230 V AC
Power supply Input voltage: Mains adapter:	110 V - 230 V AC Mains adapter external
Power supply Input voltage: Mains adapter: Mains adapter/adapter included:	110 V - 230 V AC Mains adapter external
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional)	110 V - 230 V AC Mains adapter external US EURO CH UK
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate:	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification:	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category Brand:	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201 KERN
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category Brand: Category: Product Group:	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201 KERN Balances
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category Brand: Category: Product Group: Packaging & shipping	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201 KERN Balances Analytical balance
Power supply Input voltage: Mains adapter: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category Brand: Category: Product Group: Packaging & shipping Delivery:	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201 KERN Balances Analytical balance 24 h
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201 KERN Balances Analytical balance 24 h 390 x 563 x 515 mm
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201 KERN Balances Analytical balance 24 h 390 x 563 x 515 mm 9,207 kg
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201 KERN Balances Analytical balance 24 h 390 x 563 x 515 mm

1,400 cm

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





KERN ACJ200-4M



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



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	
Display digit height (large):	1,400 cm
Technical data about verification	١
Minimum load [Min]:	10 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes

Verification by KEDN accelles	
Verification by KERN possible: Verification class:	yes
Verification value [e]:	i 1 mg
vernication value [e].	i nig
Counting	
Counting resolution:	220000
Mininum piece weight at piece	1 mg
counting (Laboratory:	
Mininum piece weight at piece	10 mg
counting (Normal): Reference weight:	yes
	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
Mains adapter adapter included.	LONG CITOS ON
Services (optional)	
DAkkS Certificate:	963-101
Verification:	965-201
Catagony	
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

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





KERN ACJ300-4M



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



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 digit height (large):	1,400 cm
Technical data about verification	1
Minimum load [Min]:	10 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes

Varification by KEDN passible:	1/00
Verification by KERN possible: Verification class:	yes
Verification value [e]:	i 1 mg
vernication value [e].	i ing
Counting	
Counting resolution:	320000
Mininum piece weight at piece	1 mg
counting (Laboratory:	
Mininum piece weight at piece	10 mg
counting (Normal):	
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	
	QE 0/
Maximum humidity:	85 % 30 °C
Maximum operating temperature: Minimum ambient temperature:	10 °C
	20 %
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:	•
ompping method.	Parcel service

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





KERN ACJ80-4M



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



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 (larg	e):

Technical data about verification	
Minimum load [Min]:	10 mg
Periodic Verification for Italy:	969-112
Verification approval conforming	yes

Verification by KERN possible:	yes
Verification class:	1
Verification value [e]:	1 mg
Counting	
Counting resolution:	82000
Mininum piece weight at piece	1 mg
counting (Laboratory:	
Mininum piece weight at piece	10 mg
counting (Normal):	
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 %
Minimum humidity: Power supply	20 %
Power supply	20 % 110 V - 230 V AC
·	
Power supply Input voltage:	110 V - 230 V AC
Power supply Input voltage: Mains adapter: Mains adapter/adapter included:	110 V - 230 V AC Mains adapter external
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional)	110 V - 230 V AC Mains adapter external US EURO CH UK
Power supply Input voltage: Mains adapter: Mains adapter/adapter included:	110 V - 230 V AC Mains adapter external
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification:	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate:	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification:	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category Brand:	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201 KERN
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category Brand: Category:	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201 KERN Balances
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category Brand: Category: Product Group:	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201 KERN Balances
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category Brand: Category: Product Group: Packaging & shipping	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201 KERN Balances Analytical balance
Power supply Input voltage: Mains adapter: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category Brand: Category: Product Group: Packaging & shipping Delivery:	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201 KERN Balances Analytical balance 24 h
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201 KERN Balances Analytical balance 24 h 390 x 565 x 520 mm
Power supply Input voltage: Mains adapter: Mains adapter/adapter included: Services (optional) DAkkS Certificate: Verification: Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	110 V - 230 V AC Mains adapter external US EURO CH UK 963-101 965-201 KERN Balances Analytical balance 24 h 390 x 565 x 520 mm 8,900 kg

1,400 cm

KERN ACJ80-4M

KERN

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





KERN ACS100-4



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



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

Counting

counting (Normal):

Counting resolution:	120000
Mininum piece weight at piece counting (Laboratory:	1 mg
Mininum piece weight at piece	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	
Category Brand:	KERN
Brand:	KERN Balances
Brand: Category:	Balances
Brand: Category: Product Group: Packaging & shipping	Balances
Brand: Category: Product Group: Packaging & shipping Delivery:	Balances Analytical balance
Brand: Category: Product Group: Packaging & shipping	Balances Analytical balance 24 h
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	Balances Analytical balance 24 h 392 x 570 x 520 mm
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	Balances Analytical balance 24 h 392 x 570 x 520 mm 8,491 kg
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	Balances Analytical balance 24 h 392 x 570 x 520 mm 8,491 kg 5,746 kg
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	Balances Analytical balance 24 h 392 x 570 x 520 mm 8,491 kg 5,746 kg
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	Balances Analytical balance 24 h 392 x 570 x 520 mm 8,491 kg 5,746 kg Parcel service
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	Balances Analytical balance 24 h 392 x 570 x 520 mm 8,491 kg 5,746 kg Parcel service Plastic
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH):	Balances Analytical balance 24 h 392 x 570 x 520 mm 8,491 kg 5,746 kg Parcel service Plastic 201 x 220 x 256 mm
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH):	Balances Analytical balance 24 h 392 x 570 x 520 mm 8,491 kg 5,746 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator:	Balances Analytical balance 24 h 392 x 570 x 520 mm 8,491 kg 5,746 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator: Material weighing plate:	Balances Analytical balance 24 h 392 x 570 x 520 mm 8,491 kg 5,746 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel

1,400 cm

KERN ACS100-4



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

Piktogramme

STANDARD

MULTI SC TECH 1 DAY

	CAL EXT	•	GLP		\	%	-√+ ⊙	3
CAL INT	CAL EXT	USB	PRINTER	PCS	RECIPE	PERCENT	TOL	UNIT
B	<u>آ</u>							

OPTION





KERN ACS 200-4



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



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):

Counting

Counting resolution:	220000
Mininum piece weight at piece counting (Laboratory:	1 mg
Mininum piece weight at piece	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
Britte Certificate.	303-101
Category	303-101
	KERN
Category	
Category Brand:	KERN
Category Brand: Category:	KERN Balances
Category Brand: Category: Product Group:	KERN Balances
Category Brand: Category: Product Group: Packaging & shipping	KERN Balances Analytical balance
Category Brand: Category: Product Group: Packaging & shipping Delivery:	KERN Balances Analytical balance 24 h
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	KERN Balances Analytical balance 24 h 395 x 560 x 530 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	KERN Balances Analytical balance 24 h 395 x 560 x 530 mm 8,200 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	KERN Balances Analytical balance 24 h 395 x 560 x 530 mm 8,200 kg 5,800 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	KERN Balances Analytical balance 24 h 395 x 560 x 530 mm 8,200 kg 5,800 kg
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	KERN Balances Analytical balance 24 h 395 x 560 x 530 mm 8,200 kg 5,800 kg Parcel service
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	KERN Balances Analytical balance 24 h 395 x 560 x 530 mm 8,200 kg 5,800 kg Parcel service Plastic
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH):	KERN Balances Analytical balance 24 h 395 x 560 x 530 mm 8,200 kg 5,800 kg Parcel service Plastic 201 x 220 x 256 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH):	KERN Balances Analytical balance 24 h 395 x 560 x 530 mm 8,200 kg 5,800 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Level indicator:	KERN Balances Analytical balance 24 h 395 x 560 x 530 mm 8,200 kg 5,800 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes
Category Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator: Material weighing plate:	KERN Balances Analytical balance 24 h 395 x 560 x 530 mm 8,200 kg 5,800 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel

1,400 cm

KERN ACS 200-4



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

Piktogramme

STANDARD

MULTI SC TECH 1 DAY

	GLP PRINTER	DCC.		<u>%</u>		
	 PRINTER	FLS	RELIFE	PERCENT	TUL	UNIT

OPTION





KERN ACS300-4



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



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):

Counting

Counting resolution:	320000
Mininum piece weight at piece counting (Laboratory:	1 mg
Mininum piece weight at piece	10 mg

Reference weight:	Ves			
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				
Category Brand:	KERN			
	KERN Balances			
Brand:				
Brand: Category: Product Group:	Balances			
Brand: Category: Product Group: Packaging & shipping	Balances Analytical balance			
Brand: Category: Product Group: Packaging & shipping Delivery:	Balances Analytical balance 24 h			
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	Balances Analytical balance 24 h 390 x 570 x 530 mm			
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	Balances Analytical balance 24 h 390 x 570 x 530 mm 8,300 kg			
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	Balances Analytical balance 24 h 390 x 570 x 530 mm			
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	Balances Analytical balance 24 h 390 x 570 x 530 mm 8,300 kg 5,900 kg			
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	Balances Analytical balance 24 h 390 x 570 x 530 mm 8,300 kg 5,900 kg Parcel service			
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	Balances Analytical balance 24 h 390 x 570 x 530 mm 8,300 kg 5,900 kg Parcel service Plastic			
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH):	Balances Analytical balance 24 h 390 x 570 x 530 mm 8,300 kg 5,900 kg Parcel service Plastic 201 x 220 x 256 mm			
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH):	Balances Analytical balance 24 h 390 x 570 x 530 mm 8,300 kg 5,900 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm			
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator:	Balances Analytical balance 24 h 390 x 570 x 530 mm 8,300 kg 5,900 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes			
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator: Material weighing plate:	Balances Analytical balance 24 h 390 x 570 x 530 mm 8,300 kg 5,900 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel			
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator: Material weighing plate: Revolving screw feet:	Balances Analytical balance 24 h 390 x 570 x 530 mm 8,300 kg 5,900 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel yes			
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator: Material weighing plate:	Balances Analytical balance 24 h 390 x 570 x 530 mm 8,300 kg 5,900 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel			

1,400 cm

KERN ACS300-4



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

Piktogramme

STANDARD

	Ĩ	•	GLP		≜ ^	%	-√+ ⊙	C
CAL INT	CAL EXT	USB	PRINTER	PCS	RECIPE	PERCENT	TOL	UNIT
B) E							
MULTI	SC TECH	1 DAY						

OPTION





KERN ACS80-4



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



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 (I	arge):
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Counting

Counting resolution:	82000
Mininum piece weight at piece counting (Laboratory:	1 mg
Mininum piece weight at piece	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	
Category Brand:	KERN
	KERN Balances
Brand:	
Brand: Category:	Balances
Brand: Category: Product Group:	Balances
Brand: Category: Product Group: Packaging & shipping	Balances Analytical balance
Brand: Category: Product Group: Packaging & shipping Delivery:	Balances Analytical balance 24 h
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH):	Balances Analytical balance 24 h 390 x 565 x 520 mm
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight:	Balances Analytical balance 24 h 390 x 565 x 520 mm 8,900 kg
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	Balances Analytical balance 24 h 390 x 565 x 520 mm 8,900 kg 6,100 kg
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	Balances Analytical balance 24 h 390 x 565 x 520 mm 8,900 kg 6,100 kg
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	Balances Analytical balance 24 h 390 x 565 x 520 mm 8,900 kg 6,100 kg Parcel service
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material:	Balances Analytical balance 24 h 390 x 565 x 520 mm 8,900 kg 6,100 kg Parcel service Plastic
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH):	Balances Analytical balance 24 h 390 x 565 x 520 mm 8,900 kg 6,100 kg Parcel service Plastic 201 x 220 x 256 mm
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH):	Balances Analytical balance 24 h 390 x 565 x 520 mm 8,900 kg 6,100 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator:	Balances Analytical balance 24 h 390 x 565 x 520 mm 8,900 kg 6,100 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes
Brand: Category: Product Group: Packaging & shipping Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Casing material: Dimensions draft shield (WxDxH): Dimensions housing (WxDxH): Level indicator: Material weighing plate:	Balances Analytical balance 24 h 390 x 565 x 520 mm 8,900 kg 6,100 kg Parcel service Plastic 201 x 220 x 256 mm 213 x 333 x 338 mm yes stainless steel

1,400 cm

KERN ACS80-4



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Piktogramme

STANDARD

	Ĩ	•	GLP		≜ ^	%	-√+ ⊙	C
CAL INT	CAL EXT	USB	PRINTER	PCS	RECIPE	PERCENT	TOL	UNIT
B) E							
MULTI	SC TECH	1 DAY						

OPTION



