

# KERN ABP100-4M



Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results



## Measuring system

Adjustment options:	Internal calibration (auto) Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	0,300 mg
Linearity:	0,200 mg
Minimum weight (USP):	200 mg
Readability [d]:	0,100 mg
Repeatability:	0,100 mg
Resolution:	1.200.000
Stabilisation time under laboratory conditions:	2 s
Tare range:	120 g
Warm up time:	8 h
Weighing capacity [Max]:	120 g
Weighing units:	ct mg g

## Display

Display digit height (large):	1,200 cm
-------------------------------	----------

## Technical data about verification

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

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

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

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS 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):	382 x 585 x 535 mm
Gross weight:	10,400 kg
Net weight:	7,900 kg
Shipping method:	Parcel service

# KERN ABP 100-4M



Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results

## Construction

Dimensions draft shield (WxDxH):	213 x 156 x 225 mm
Dimensions housing (WxDxH):	213 x 433 x 344 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	166 x 156 x 220 mm
Weighing surface (d):	91

## Piktogramme

### STANDARD



### OPTION



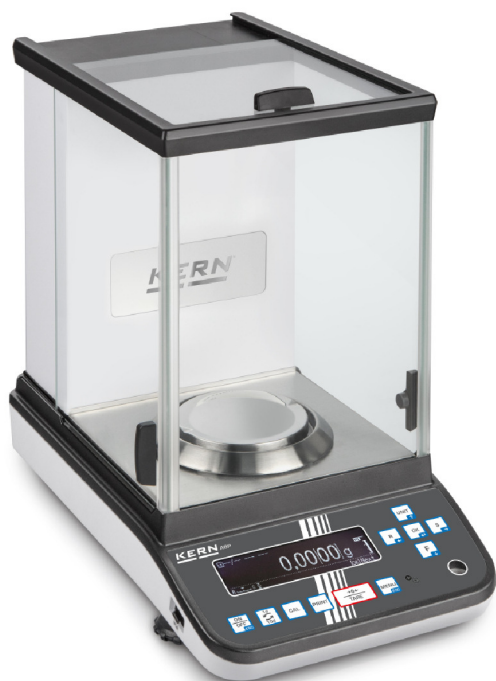
### FACTORY



# KERN ABP100-5DM



Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results



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

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

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS 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):	595 x 380 x 540 mm
Gross weight:	11,300 kg
Net weight:	7,720 kg
Shipping method:	Parcel service

## Measuring system

Adjustment options:	Internal calibration (auto) Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	0,100 mg
Linearity:	0,050 mg   0,200 mg
Minimum weight (USP):	40 mg
Readability [d]:	0,010 mg   0,100 mg
Repeatability:	0,020 mg   0,100 mg
Resolution:	5.200.000 1.200.000
Stabilisation time under laboratory conditions:	8 s   2 s
Tare range:	120 g
Warm up time:	8 h   8 h
Weighing capacity [Max]:	52 g   120 g
Weighing units:	ct mg g

## Display

Display digit height (large):	1,200 cm
-------------------------------	----------

## Technical data about verification

Minimum load [Min]:	1 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes

# KERN ABP 100-5DM



Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results

## Construction

Dimensions draft shield (WxDxH):	213 x 156 x 225 mm
Dimensions housing (WxDxH):	213 x 433 x 344 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	166 x 156 x 220 mm
Weighing surface (d):	91

## Piktogramme

### STANDARD



### OPTION



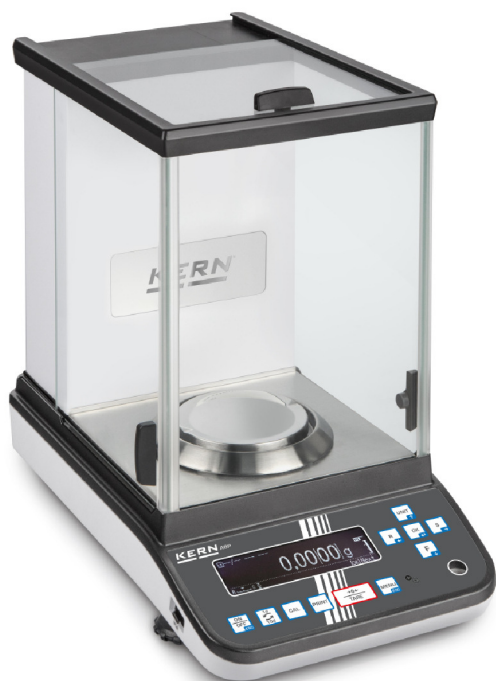
### FACTORY



# KERN ABP100-5M



Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results



## Measuring system

Adjustment options:	Internal calibration (auto) Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	0,300 mg
Linearity:	0,200 mg
Minimum weight (USP):	100 mg
Readability [d]:	0,010 mg
Repeatability:	0,050 mg
Resolution:	13.500.000
Stabilisation time under laboratory conditions:	8 s
Tare range:	135 g
Warm up time:	8 h
Weighing capacity [Max]:	135 g
Weighing units:	ct mg g

## Display

Display digit height (large):	1,200 cm
-------------------------------	----------

## Technical data about verification

Minimum load [Min]:	1 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes

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

## Counting

Counting resolution:	135000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg
Reference weight:	yes

## Functions

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

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS 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):	382 x 585 x 535 mm
Gross weight:	11,300 kg
Net weight:	7,900 kg
Shipping method:	Parcel service

# KERN ABP 100-5M



Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results

## Construction

Dimensions draft shield (WxDxH):	213 x 156 x 225 mm
Dimensions housing (WxDxH):	213 x 433 x 344 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	166 x 156 x 220 mm
Weighing surface (d):	91

## Piktogramme

### STANDARD



### OPTION



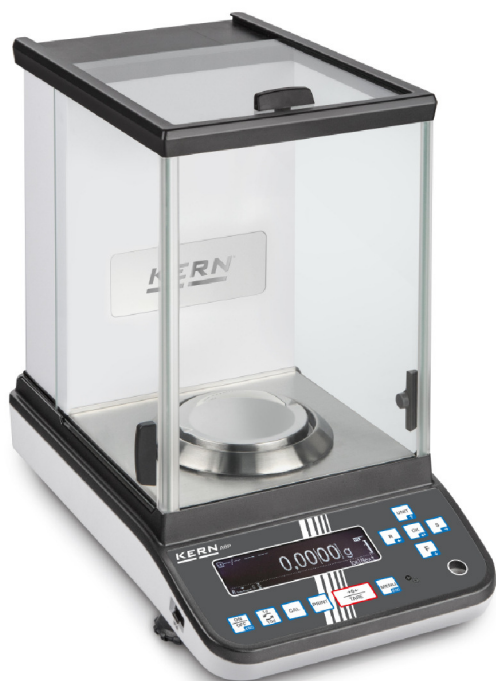
### FACTORY



# KERN ABP 200-4M



Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results



## Measuring system

Adjustment options:	Internal calibration (auto) Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	0,300 mg
Linearity:	0,200 mg
Minimum weight (USP):	200 mg
Readability [d]:	0,100 mg
Repeatability:	0,100 mg
Resolution:	2.200.000
Stabilisation time under laboratory conditions:	2 s
Tare range:	220 g
Warm up time:	8 h
Weighing capacity [Max]:	220 g
Weighing units:	ct mg g

## Display

Display digit height (large):	1,200 cm
-------------------------------	----------

## Technical data about verification

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

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

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

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH AUS 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):	595 x 380 x 540 mm
Gross weight:	10,400 kg
Net weight:	7,030 kg
Shipping method:	Parcel service

# KERN ABP 200-4M



Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results

## Construction

Dimensions draft shield (WxDxH):	213 x 156 x 225 mm
Dimensions housing (WxDxH):	213 x 433 x 344 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	166 x 156 x 220 mm
Weighing surface (d):	91

## Piktogramme

### STANDARD



### OPTION



### FACTORY





# KERN ABP 200-5DM



Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results



## Measuring system

Adjustment options:	Internal calibration (auto) Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	0,100 mg
Linearity:	0,100 mg   0,200 mg
Minimum weight (USP):	100 mg
Readability [d]:	0,010 mg   0,100 mg
Repeatability:	0,050 mg   0,100 mg
Resolution:	10.200.000 2.200.000
Stabilisation time under laboratory conditions:	8 s   2 s
Tare range:	220 g
Warm up time:	8 h   8 h
Weighing capacity [Max]:	102 g   220 g
Weighing units:	ct mg g

## Display

Display digit height (large):	1,200 cm
-------------------------------	----------

## Technical data about verification

Minimum load [Min]:	1 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes

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

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

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS 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):	382 x 585 x 535 mm
Gross weight:	11,300 kg
Net weight:	7,720 kg
Shipping method:	Parcel service

# KERN ABP 200-5DM



Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results

## Construction

Dimensions draft shield (WxDxH):	213 x 156 x 225 mm
Dimensions housing (WxDxH):	595 x 380 x 540 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	166 x 156 x 220 mm
Weighing surface (d):	91

## Piktogramme

### STANDARD



### OPTION



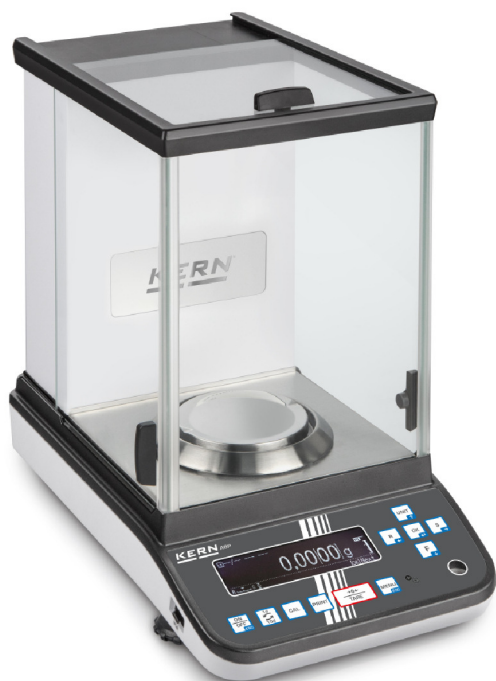
### FACTORY



# KERN ABP 200-5M



Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results



## Measuring system

Adjustment options:	Internal calibration (auto) Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	0,300 mg
Linearity:	0,200 mg
Minimum weight (USP):	30 mg
Readability [d]:	0,010 mg
Repeatability:	0,015 mg   0,030 mg   0,050 mg
Resolution:	22.000.000
Stabilisation time under laboratory conditions:	8 s
Tare range:	220 g
Warm up time:	8 h
Weighing capacity [Max]:	220 g
Weighing units:	ct mg g

## Display

Display digit height (large):	1,200 cm
-------------------------------	----------

## Technical data about verification

Minimum load [Min]:	1 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes

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

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

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH AUS 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):	382 x 585 x 535 mm
Gross weight:	11,300 kg
Net weight:	7,900 kg
Shipping method:	Parcel service

# KERN ABP 200-5M



Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results

## Construction

Dimensions draft shield (WxDxH):	213 x 156 x 225 mm
Dimensions housing (WxDxH):	213 x 433 x 344 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	166 x 156 x 220 mm
Weighing surface (d):	91

## Piktogramme

### STANDARD



### OPTION



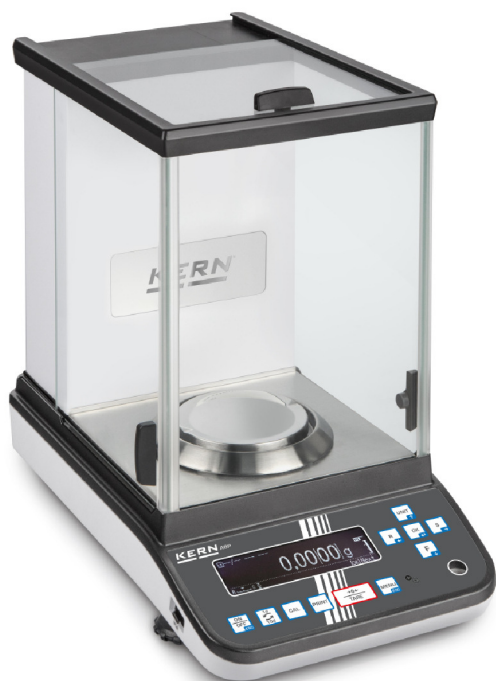
### FACTORY



# KERN ABP 300-4M



Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results



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

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

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

## Power supply

Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH AUS 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):	595 x 380 x 540 mm
Gross weight:	10,400 kg
Net weight:	7,030 kg
Shipping method:	Parcel service

## Measuring system

Adjustment options:	Internal calibration (auto) Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	0,300 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:	2 s
Tare range:	320 g
Warm up time:	8 h
Weighing capacity [Max]:	320 g
Weighing units:	ct mg g

## Display

Display digit height (large):	1,200 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 ABP 300-4M



Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results

## Construction

Dimensions draft shield (WxDxH):	213 x 156 x 225 mm
Dimensions housing (WxDxH):	213 x 433 x 344 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	166 x 156 x 220 mm
Weighing surface (d):	91

## Piktogramme

### STANDARD



### OPTION



### FACTORY

