

## PRODUCT BROCHURE

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# KERN EMB 200-3

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Entry level laboratory balance with tremendous weighing performance

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### CONTACT

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## DESCRIPTION

- Simple and convenient 2-key operation
- Tare function facilitates formulation work
- Particularly flat design
- Ready for use: Batteries included
- Ring-shaped draught shield standard, weighing space  $\varnothing \times H$  96×35 mm
- Hook for underfloor weighing standard
- Note: With the optional auxiliary set for density determination KERN YDB-04 also well suited for school and teaching operation, see accessories

## SPECIFICATIONS

### Article codes, product groups & Status information

Model article-code	EMB 200-3
Model-Serie	EMB
Assortment	KERN
Product Type	Laboratory balances
Product group	School balances
Product usage type	Main article
EAN code (Model)	4045761111370
Customs tariff number	90160010

### Technical data - Primary

Weighing capacity	200 g
Readability	0.001 g
Repeatability	0.001 g
Linearity	$\pm 0.005$ g
Weighing surface (d)	82 mm
Recommended adjusting weight	200 g (F1)

### Technical data - Construction

Dimension housing (W×D×H)	170×244×54 mm
Material weighing plate	plastic, with conductive lacquer
Casing material	plastic
Dimensions draft shield, inner ( $\varnothing \times H$ )	96×35 mm
Dimensions draft shield, outer ( $\varnothing \times H$ )	105×35 mm

### Technical data - Display

Display height	15 mm
Backlight	no

### Technical data - Power supply

Battery	9 V Block
Operating time	12 h

### Technical data - Measuring system

Calibration method	Adjusting with external weight
Stabilisation time under laboratory conditions	2.5 s
Tare range	200 g
Warm up time	120 min
Weighing system	Strain gauge
Weighing units	dwt;g;oz;ozt

### Optional Services

DAkkS Calibration	963-127
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### FUNCTIONS

Standard
Option

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### Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	35 °C
Minimum ambient temperature	5 °C

### Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	220×290×150 mm
Gross weight	1.4 kg
Net weight	0.85 kg
Shipping method	Parcel service
Packaging component - by weight - paper	18 g
Packaging component - by weight - cardboard	890 g
Packaging component - by weight - plastics	6 g
Packaging component - by weight - styrofoam	111 g
Packaging component - by weight - wood	202 g
Delivery time	1 d

## ACCESSORIES

Model	Description
<a href="#">470-902-003</a>	Power supply KERN 470-902-003
<a href="#">KS-A01</a>	Rechargeable battery pack external KS-A01
<a href="#">YDB-04</a>	Set for Density Determination KERN YDB-04
<a href="#">315-208-304</a>	Safety Set KERN 315-208-304
<a href="#">YKA-03N</a>	Power Adapter KERN YKA-03N
<a href="#">440-902</a>	Power supply KERN 440-902
<a href="#">326-08</a>	Test Weight KERN 326-08

## SERVICES

Model	Description
<a href="#">969-517</a>	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
<a href="#">970-014</a>	Warranty extension KERN (+3 years) 970-014
<a href="#">963-127</a>	DAkkS Calibration KERN 963-127

## SPARE PARTS

Model	Description
<a href="#">REMB-V-8002</a>	REMB-V-8002
<a href="#">REMB-6003</a>	Weighing plate KERN REMB-6003
<a href="#">440-902</a>	Power supply KERN 440-902
<a href="#">REMB-2001</a>	Keyboard PCB REMB-2001
<a href="#">RPCB-8007</a>	Draft shield KERN RPCB-8007
<a href="#">470-902-003</a>	Power supply KERN 470-902-003
<a href="#">REMB-8001</a>	Battery compartment cover REMB-8001
<a href="#">REMB-4006</a>	Display overlay REMB-4006
<a href="#">R440-000-13-001</a>	DC socket R440-000-13-001

## RELATED ARTICLES DATA

Model name	Weighing capacity	Readability	Repeatability	Linearity	Weighing surface (d)	Recommended adjusting weight
<a href="#">EMB 200-2</a>	200 g	0.01 g	0.01 g	± 0.02 g	105 mm	200 g (M1)

Model name	Weighing capacity	Readability	Repeatability	Linearity	Weighing surface (d)	Recommended adjusting weight
<b><u>EMB 2200-0</u></b>	2200 g	1 g	1 g	± 2 g	150 mm	2 kg (M1)
<b><u>EMB 200-3</u></b>	200 g	0.001 g	0.001 g	± 0.005 g	82 mm	200 g (F1)
<b><u>EMB 2000-2</u></b>	2000 g	0.01 g	0.01 g	± 0.05 g	150 mm	2 kg (F1)
<b><u>EMB 5.2K1</u></b>	5200 g	1 g	1 g	± 3 g	150 mm	5 kg (M1)
<b><u>EMB 500-1</u></b>	500 g	0.1 g	0.1 g	± 0.2 g	150 mm	500 g (M1)
<b><u>EMB 200-3V</u></b>	200 g	0.001 g	0.002 g	± 0.005 g	82 mm	200 g (F1)
<b><u>EMB 3000-1</u></b>	3000 g	0.1 g	0.1 g	± 0.3 g	150 mm	3 kg (M1)
<b><u>EMB 500-1BE</u></b>	500 g	0.1 g	0.1 g	± 0.2 g	150 mm	500 g (M1)
<b><u>EMB 2000-2V</u></b>	2000 g	0.01 g	0.02 g	± 0.05 g	150 mm	2 kg (F1)
<b><u>EMB 5.2K5</u></b>	5200 g	5 g	5 g	± 10 g	150 mm	5 kg (M1)
<b><u>EMB 1200-1</u></b>	1200 g	0.1 g	0.1 g	± 0.3 g	150 mm	1 kg (M1)
<b><u>EMB 600-2</u></b>	600 g	0.01 g	0.01 g	± 0.03 g	105 mm	500 g (F2)
<b><u>EMB 6000-1</u></b>	6000 g	0.1 g	0.1 g	± 0.3 g	150 mm	5 kg (M1)
<b><u>EMB 100-3</u></b>	100 g	0.001 g	0.001 g	± 0.005 g	82 mm	100 g (F1)
<b><u>EMB 1000-2</u></b>	1000 g	0.01 g	0.01 g	± 0.05 g	150 mm	1 kg (F1)