



School balance with integrated density determination function

Features

- Self-explanatory, graphic control panel
 - no learning time = reduces costs
 - ideal for untrained users
 - visualised process avoids operating errors.
- Note: Balance and appropriate set for density determination should be ordered at the same time, see *Accessories*
- Hook for underfloor weighing standard
- Self-explanatory, graphic control panel, the workings steps can be understood immediately, even without operating instructions
 - no learning time = reduces costs
 - ideal for untrained users
 - visualised process avoids operating errors
- The 4 steps are carried out from left to right:
 - 1 Tare the balance by pressing the [TARE] key
 - 2 Select density determination mode (solids/liquids)
 - 3 Weighing of samples/plummet in air
 - 4 Weighing of samples/plummet in liquid. The density will be shown on the display right away
- Particularly flat design

Technical data

- Large LCD display, digit height 15 mm
- Dimensions weighing surface, plastic
 - A** \varnothing 82 mm
 - B** \varnothing 150 mm, see larger picture
- Overall dimensions W×D×H 175×250×55 mm
- Batteries included, 9 V block, operating time up to 12 h, AUTO-OFF function preserves the battery
- Net weight approx. 0,85 kg
- Permissible ambient temperature 5 °C/35 °C
- Also with carat weighing unit:
 EMB 200-3V: [Max] 1000 ct/ [d] 0,005 ct
 EMB 2000-2V: [Max] 10000 ct/ [d] 0,05 ct

Accessories

- Rechargeable battery pack external, operating time up to 50 h without backlight, charging time approx. 10 h, KERN KS-A01

KERN EMB 200-3V:

- 5** Ancillary kit for density determination of liquids and solids with density > 1. Scope of supplies: Bridge for holding the beaker (\varnothing 102 mm), hook (H 139 mm), KERN YDB-04
- 6** Set for density determination of liquids and solids with density \leq/\geq 1. Scope of delivery: Weighing plate, beaker (H× \varnothing 71×51 mm), sample holder, plummet, KERN YDB-01
- DAkkS-Calibration certificate for the plummet (20 g), KERN 962-335V

KERN EMB 2000-2V:

- 7** Set for density determination of liquids and solids with density \leq/\geq 1. Scope of delivery: Weighing plate, beaker (H× \varnothing 135×100 mm), sample holder, plummet KERN YDB-02
- DAkkS-Calibration certificate for the plummet (200 g), KERN 962-338V
- Thermometer, KERN YDB-A03

STANDARD



OPTION



Model	Weighing capacity	Readability	Reproducibility	Linearity	Weighing plate	Options
						DAkkS Calibr. Certificate
	[Max]	[d]				DAkkS
	g	g	g	g		KERN
EMB 200-3V	200	0,001	0,002 g	\pm 0,005	A	963-127
EMB 2000-2V	2000	0,01	0,02 g	\pm 0,05	B	963-127