

Compact laboratory balance KERN EMB-V



02



Compact laboratory balance with integrated density determination function

Features

- **Density determination made easy!** Thanks to the self-explanatory, graphic-assisted control panel, the density of solids and liquids can be determined in seconds, making them ideal for use in schools and universities. For interesting facts about density determination see page 214
- Visualised process avoids operating errors
 - No learning time = reduces costs
 - Ideal for untrained users
- 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/plummetts in air
 - 4 Weighing of samples/plummetts in liquid. The density will be shown on the display right away
- **Particularly flat design**
- **Hook for underfloor weighing** standard

- **Ready for use:** battery 9 V block standard. AUTO-OFF function to preserve the batteries, can be switched off
- **Note:** Balance and appropriate set for density determination should be ordered at the same time, see accessories

Technical data

- Large LCD display, digit height 15 mm
- Weighing plate dimensions, stainless steel, plastic, Ø
 - A 82 mm, with conductive lacquer
 - B 150 mm, see enlarged picture. The illustration shows the EMB 200-3V model with optional density set YDB-01
- Overall dimensions WxDxH 170x240x54 mm
- Net weight approx. 0,835 kg
- Permissible ambient temperature 5 °C / 35 °C
- **New:** Now also with carat weighing unit:
 - EMB 200-3V: 1000 ct / 0,005 ct
 - EMB 2000-2V: 10000 ct / 0,05 ct

Accessories

for KERN EMB 200-3V:

- **Set for density determination** of liquids and solids with density $\leq/\geq 1$. Scope of delivery: Weighing plate, beaker (HxØ 71x51 mm), sample holder, plummet, KERN YDB-01, **€ 215,-**
- **Calibration certificate for the plummet** (20 g), KERN 962-335V, **€ 143,-**

for KERN EMB 2000-2V:

- **Set for density determination** of liquids and solids with density $\leq/\geq 1$. Scope of delivery: Weighing plate, beaker (HxØ 135x51 mm), sample holder, plummet, KERN YDB-02, **€ 330,-**
- **Calibration certificate for the plummet** (200 g), KERN 962-338V, **€ 141,-**

STANDARD



OPTION



Model	Weighing range [Max] g	Readout [d] g	Reproducibility g	Linearity g	Weighing plate	Price excl. of VAT ex works €	Option DAkKS Calibr. Certificate	
							DKD KERN	€
KERN EMB 200-3V	200	0,001	0,002	± 0,005	A	250,-	963-127	72,-
EMB 2000-2V	2000	0,01	0,02	± 0,05	B	250,-	963-127	72,-