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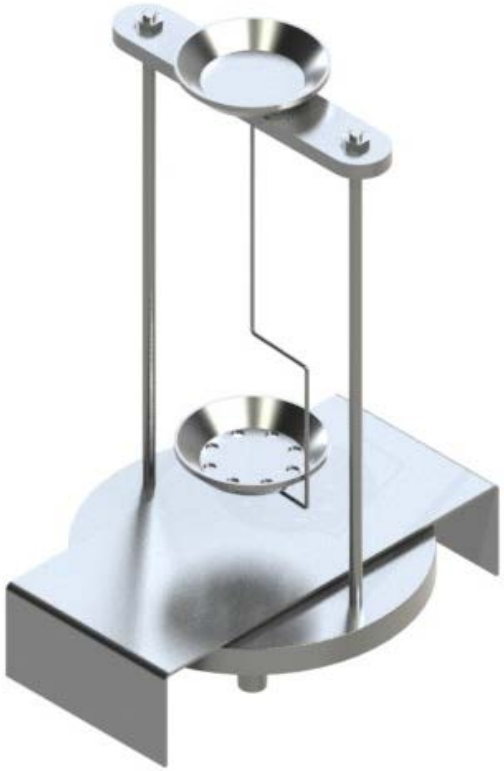
Operating instructions
Density determination set for precision balance KERN EMB 200-3V

KERN YDB-01

Version 1.0
04/2012
GB



YDB-01-BA-e-1210

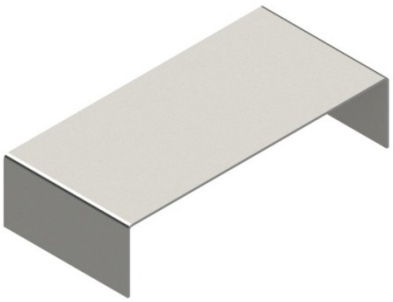
1 Scope of delivery

⇨ Check packaging and density determination set immediately when unpacking for possible visible damage.

⇨ Make sure that all parts are completely present.

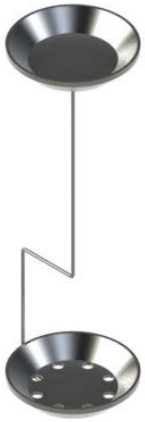
❶ Weighing plate "density set"

❷ Platform



❸ Beaker

❹ Immersion basket for descending solid matter (density > 1 g/cm³)



❺ Immersion basket for floating solid matter (density < 1 g/cm³)

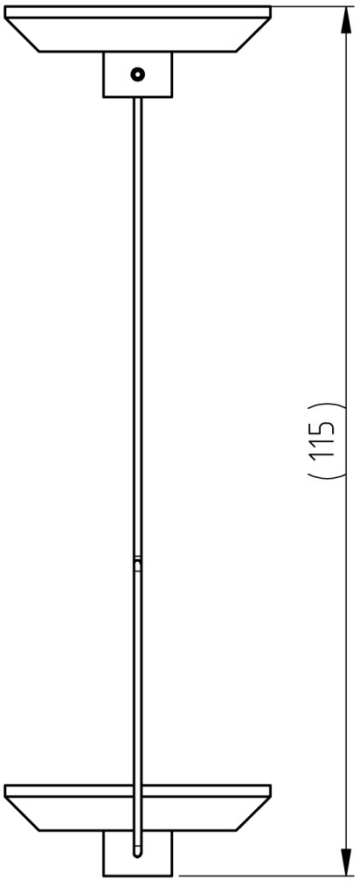
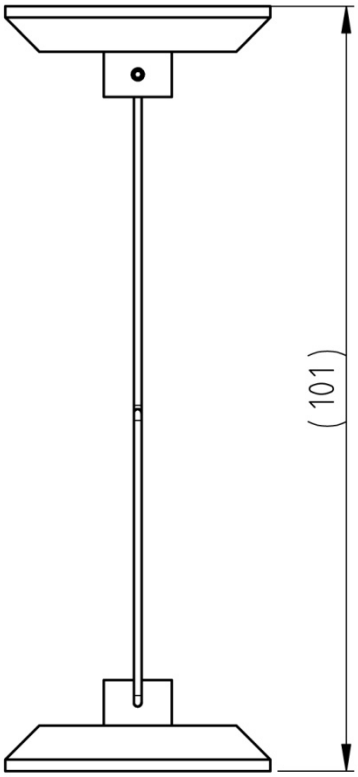
❻ Sinker

20 g stainless steel weight

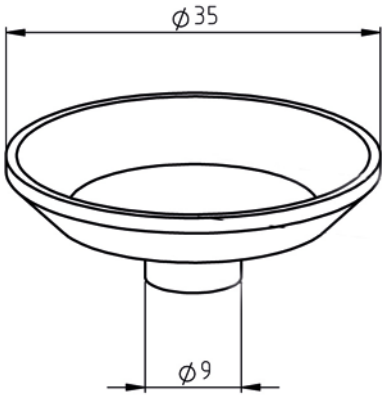
❼ Thermometer

English

2 Dimension [mm]

Immersion basket for descending solid matter (density > 1 g/cm³)	Immersion basket for floating solid matter (density < 1 g/cm³)
	

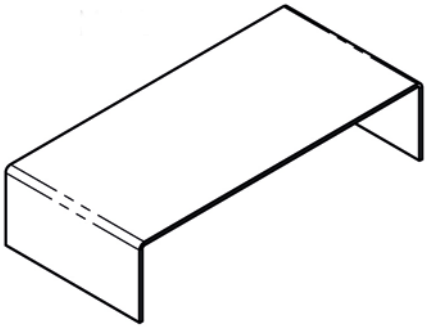
Sample dish

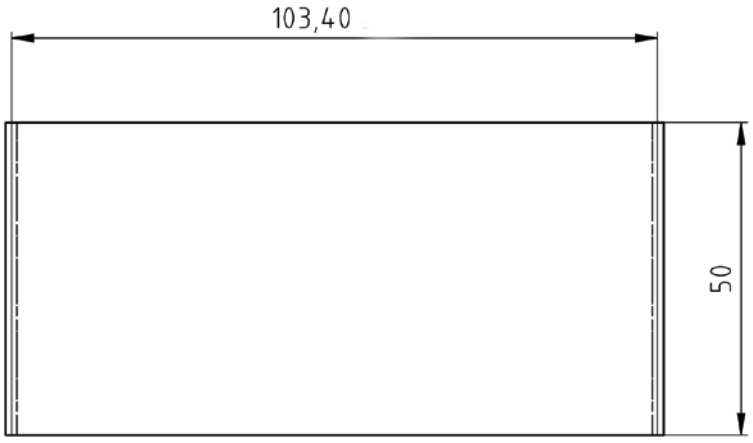


English

Beaker

Platform





English

3 Installation with KERN EMB 200-3V

Fig.1: KERN EMB 200-3V with installed density sets KERN YDB-01 (numbering, see chap. 1)

- ⇨ Disconnect scale from power supply.
- ⇨ Remove the standard weighing plate and replace it with the density set.
- ⇨ Place the platform for glass containers in a way that it does not touch the weighing plate.
- ⇨ Place beaker in the centre of the platform Make sure that it has no contact with the frame.
- ⇨ Hang the immersion basket on the rack. Make sure that it is centred in the recess.
- ⇨ Pour the liquid into the glass beaker. Filling height should be approx. ¾ of the capacity. Immerse thermometer
- ⇨ Heat the liquid, the instruments or the sinker until the temperature is constant. Observe the warm-up time of the balance.

For further information, as well as the procedure of density determination please see the operating instructions added to the density balance KERN EMB 200-3V or on the KERN homepage (www.kern-sohn.com).