Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Precision Balance

Product Code :

SLE/LB/13



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Description :

The Precision Balance comes in 0.1 kg, 0.2 kg, 0.3 kg and 2 kg capacities, reading to 0.001 g or 0.01 g depending on the model. It has 2,00,000 internal resolutions, a backlit LCD, an RS 232 interface and an in-built rechargeable battery, and it calibrates automatically with an external weight.

Precision balance specifications by model

Parameter	Detail
Capacity options	0.1 kg, 0.2 kg, 0.3 kg, 2 kg
Readability	0.001 g or 0.01 g (by model)
Repeatability / linearity	± 0.001 g or ± 0.01 g / ± 0.002 g or ± 0.02 g
Internal resolution	2,00,000
Pan size	80 mm or 180 x 170 mm, stainless steel
Calibration, response and tare	Automatic with external weight; response time 3–4 seconds; full tare range
Display and functions	LCD with backlight; auto zero tracking, multifunction weighing units, level indicator, adjustable fit
Interface, power and protection	RS 232 available; in-built rechargeable battery with low battery indicator; overload protection design
Operating temperature, size and weight	10°C to 40°C; 316 x 210 x 308 mm; approx. 6 kg
Product code	SLE/LB/13
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Supplied by	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Milligram and centigram work on the precision balance

Checking a pipette by weighing. Weigh a dry, stoppered conical flask on a milligram model. Deliver water into it from a pipette, weigh again and note the water temperature with a laboratory thermometer. Divide the mass of water by its density at that temperature to find the volume the pipette really delivers, and repeat several times.

Ash content of dried leaves. Heat an empty crucible with lid to constant mass and weigh it. Add finely ground dry leaf and weigh again, then heat strongly until only grey
leaf

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