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

Product Name :

Chemical Balance

Product Code :

SLE/LB/06



Science Lab
Email : sales@scilabexport.com
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Description :

The Chemical Balance weighs reagents, primary standards and precipitates for quantitative chemistry practicals, with a capacity of 200 g and a sensitivity of 0.5 mg. Its beam is engraved with a rider scale for a 10 mg rider and swings on agate bearings and knife edges, mounted on a wooden board inside a polished wooden case.

Chemical balance specifications

Parameter	Detail
Capacity	200 g
Sensitivity	0.5 mg
Beam	Engraved with a rider scale, for use with a 10 mg rider
Adjustment	Balancing nuts
Bearings	Agate bearings and knife edges
Mounting	Fitted on a wooden board
Case	Polished wooden case
Weight box and rider	Weight box not listed as part of the balance; packing of a rider not stated
Product code	SLE/LB/06
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Chemistry practicals on the chemical balance

Standard solution of Mohr's salt. Put masses equal to a clean watch glass plus the required sample on the right pan. Add ferrous ammonium sulphate crystals to the glass until the beam swings equally to each side, using the rider for the last milligrams. Wash the crystals into a volumetric flask with dilute sulphuric acid, make up to the mark and titrate it against potassium permanganate.

Solubility of potassium nitrate. Weigh a dry porcelain dish, pour in a little saturated potassium nitrate solution at a measured temperature and weigh again. Evaporate it to dryness on a water bath, let the dish cool and weigh it once more. The masses give the salt and the water that held it, so solubility follows as grams of salt per hundred grams of water.

Volume of one burette drop. Weigh a small, dry stoppered flask, run a counted num by the r Stud