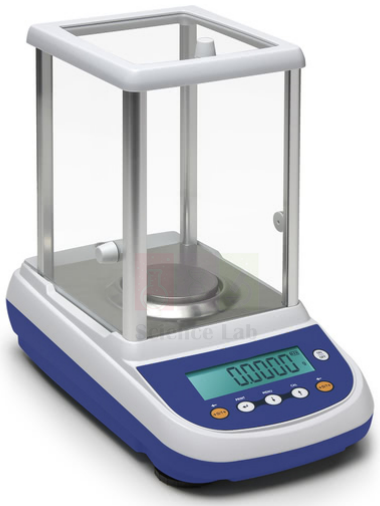
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Balance, Analytical

Product Code :

SLE/LB/18



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

Description :

The Balance, Analytical is a four-decimal electronic balance that weighs up to 220 g with a resolution of 0.0001 g. It uses an electromagnetic force restoration weighing system with internal calibration, and a large glass draught shield with 3 sliding doors encloses the 80 mm pan. A backlit LCD, RS232 interface and a menu of application functions complete it.

Four-decimal analytical balance specifications

Parameter	Detail
Capacity	220 g
Resolution	0.0001 g
Weighing system and calibration	Electromagnetic force restoration; internal calibration
Draught shield	Large glass shield with 3 sliding doors
Pan size	Ø 80 mm
Display and interface	LCD with backlight; RS232
Housing	Double case structure; ergonomic keypad; plastic protection cover
Units of measure	Grams, milligrams, carats, ounces, pounds, pennyweights, ouncetroy, grain, pieces
Application functions	Selectable filter level; selectable units; piece counting; density; peak hold; under hook; checkweighing; percentage weighing; add weighing; animal weighing
Product code	SLE/LB/18
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Supplied by	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Analytical work on the four-decimal balance

Primary standard for acid titration. Dry sodium carbonate, cool it in a vacuum desiccator and keep it in a stoppered bottle. Place the bottle on the pan, tare, remove a portion with a Chattaway spatula into a titration flask and read the negative value, which is the mass taken. Titrate it against dilute hydrochloric acid to find the acid's exact concentration.

Uniformity of tablet mass. Weigh a batch of tablets together and work out the mean mass, then weigh each one alone and record it. Students work out how far each table
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