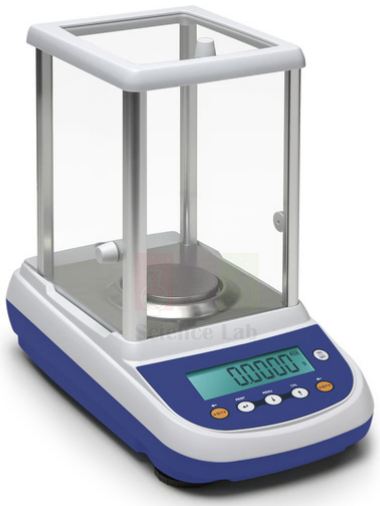
Email : sales@scilabexport.com
Phone: +91-7082934803

**Product Name :**

Balance, Analytical

**Product Code :**

SLE/LB/18



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 o a print

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