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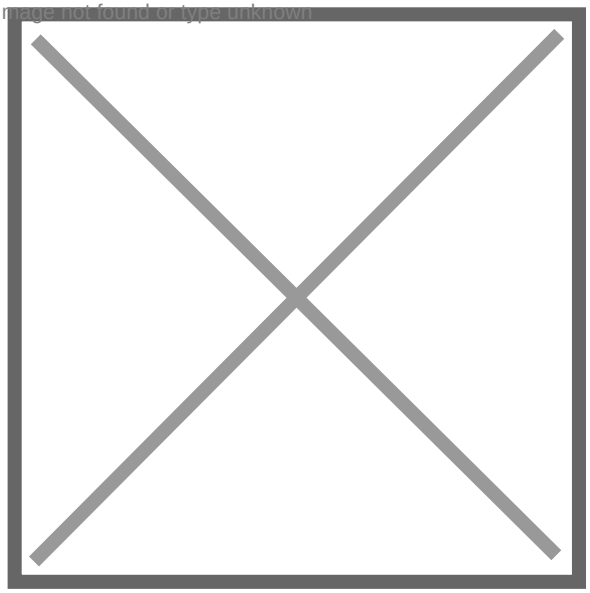
Product Name :

Semi-Analytical Chemical Scales

Product Code :

SCI-855/014

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Description :

Semi-Analytical Chemical Scales (Product Code: SCI-855/014) is a bench weighing scale witha 200 g capacity used to weigh reagents, samples and reaction products in chemistry teaching laboratories. Beyond plain weighing it offers piece-counting, percent weighing, density determination and a choice of measurement units, housed in die-cast aluminium and accompanied by a set of milligram weighing stones. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory instruments supplier in India, as a chemical balance for school and college benches.

Specifications

Parameter	Detail
Capacity	200 g
Sensitivity	100 mg
Housing	Die-cast aluminium
Functions	Piece-counting, percent weighing, density determination
Measurement units	A variety of units
Weighing stones included	10 mg × 1, 20 mg × 2, 50 mg × 1, 100 mg × 1, 200 mg × 2, 500 mg × 1
Product code	SCI-855/014
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Are Semi-Analytical Chemical Scales Used For?

A sensitivity of 100 mg means the scale registers changes of a tenth of a gram, which suits school and college work measured in grams: weighing out solids for a solution of set strength, checking that mass is conserved when two solutions react in a closed flask, or finding the mass of crystals left after evaporation. The density function helps pupils link mass to volume when studying materials, while percent weighing expresses a sample as a percentage of a reference mass, for example to follow the loss in mass as a wet sample dries.

Piece-counting is handy for stock work, such as counting small identical parts by weight rather than by hand. Keep loads within the 200 g capacity, weigh chemicals on a watch glass or in a small beaker rather than directly on the pan, and site the scale on a firm bench away from draughts and heat. The milligram weighing stones are small and easily lost, so keep them together after use.

What to Specify When Ordering

- The number of scales needed for each laboratory.
- Whether 200 g capacity and 100 mg sensitivity meet your needs; tell us before quoting if
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