Email : sales@scilabexport.com
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Product Name :

Balance Spring Tubular Plastic

Product Code :

SLE/PHY/19



Science Lab
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Description :

Balance Spring Tubular Plastic (Product Code: SLE/PHY/19) is a tubular spring balance usedto measure forces, such as the pull of gravity on a mass, in school physics and science labs. It is 250 mm long overall including its ring and hook, the spring mechanism is clearly visible through the plastic tube, and it carries a zero adjustment plus colour-coded ranges scaled in both grams and newtons. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of physics lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Measures	Force, such as the force of gravity exerted on a mass; can be calibrated for measuring mass
Body	Tubular plastic
Overall length	250 mm, including ring and hook
Mechanism	Spring mechanism clearly visible
Zero setting	Zero adjustment incorporated
Scales	Graduated in both grams and newtons
Range identification	Each range is colour-coded
Product code	SLE/PHY/19
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Tubular Spring Balance Used For?

A spring balance is often the first force-measuring instrument students handle. Hang the balance by its ring, set the pointer to zero with the zero adjustment, then attach the load to the hook and read the scale. Because the scale is marked in both grams and newtons, one reading lets the class connect mass and weight and see how a load in grams corresponds to a force in newtons. The visible spring shows how the extension grows with the load, a direct link to Hooke's law.

Beyond weighing, students use it to measure friction by dragging a block across the bench, the pull needed to raise a load with pulleys, or the effort on a lever. The colour coding makes it easy to hand the right range to each group and to collect them again after class. Hold it vertically when weighing, re-zero before each set of readings and never load it past the end of its scale. It is everyday physics lab equipment in India's schools and junior colleges.

What to Specify When Ordering

- The range or ranges you need; each range is colour-coded, so ask us which ranges are available.
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OEM