



Balance Physical (ELP.101.101)

It is meant for general use in schools and colleges. It is simple in character and smooth in handling. It can stand the stress and strain of rough handling. Fitted in wooden case having glass windows.

Knife edges Agate
Bearings Agate
Capacity 250 gm.
Sensitivity 1 mg.
Length of beam 22.860 cm.
Height(long suspension) 19.050 cm.
Dia. of Pan 10 cm.



Balance Density (ELP.101.102)

For measuring density of liquids. Beam in brass with agate knives and agate bearings. Nickel plated column, adjustable in height upto 30 cm. Glass plummet with thermometer - 4 deg. C to 30 deg. C adjusted at 20 deg. C Completed with wooden box which functions as base. Glass cylinders, Tweeters, Platinum Wire and 2 each riders of 5 gm., 0.5 gm., and 0.0005 gm. are supplied.

Range upto 2 g/cm³
Sensitivity 1 * 10⁻⁴ gm/cm³



Balance Hydrostatic (ELP.101.103)

For finding out the specific gravities by Archimede's Principle. Provided with two long and one short pan. It can be fastened at any height on the stand by means of a set screw. Large scale visible at a great distance. Fitted on a polished wooden base with levelling screws.

Capacity : 250 gm.
Sensitivity : 5 mg.



Balance Hydrostatic (ELP.101.104)

Hydrostatic Balance Set, complete with Balance, Weight Box 1mg. to 100 mg. Bucket and cylinder and glass vessel complete.



Balance Lever (ELP.101.105)

This balance has been designed to fill the long felt need for an inexpensive and robust single pan balance of modest size which will give consistent and rapid readings with an accuracy well within the scale reading.

It has two ranges, reading 250 x 1 gm. and 1000 x 10gm. the changeover being effected very easily by rotating a hinged arm which carries the gravity weight. The index is to edge reading type, specially constructed to avoid parallax errors, so that the scale may be viewed from any convenient position.

The detachable pan is not aluminium and a hook is fitted to the pan carrier for specific gravity work.

Balance Lever (ELP.101.106)

As per details given in **Cat. No ELP.101.105** but of single range, reading 1000 x 10gm.



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Balance Dispensary (ELP.101.107)

The Dispensary balance scale is a scientific laboratory balance scale. This Balance Scale comes in a wooden case that is also used as the base of the scale. In just a few seconds you can assemble the scale and you're ready to use it. The scale is solid brass with a certified capacity of 3.5 ounces (100 grams). A needle indicates when the weights of the two bowl's contents are equal. The scale is 9 inches (29.9 cm) tall when assembled, and the bowl diameter is 2 3/4 inches (7.0 cm). All the components fit neatly into the 9 5/8 inch (24.4 cm) wide, 5 1/4 inches (13.3 cm) deep, and 1 1/16 inches (2.7 cm) tall velvet-lined wooden case. The balance scale comes with a large 14-piece weight set and a pair of tweezers. The weights weigh 5 mg, 10 mg, 20 mg, 50 mg, 100 mg, 200 mg, 1 gm, two 2 gm, 5 gm, two 10 gm, 20 gm, and 50 gm.

The 100 Gram Capacity Balance Scale with wooden case and 14-piece

Balance Counter (ELP.101.108)

It has equal arms, durable handy and precision instrument commonly used by factories and laboratories for general weightment. Body made of cast iron and Pans are of metal die pressed.

Balance Electronic (ELP.101.109)

Accurate, precise and designed with simplicity in mind. The clear wide-angle displays are easy to read and the sealed keyboards are immune to dirt and liquid. These features combine to provide a reliable, efficient high quality balance of outstanding value.

	Cap.	Resolution
.01	50g	0.001g
.02	125g	0.01g
.03	220g	0.01g
.04	300g	0.01g
.05	300g	0.001g
.06	350g	0.01g
.07	600g	0.01g
.08	510g	0.05g
.09	1000g	0.01g
.10	1200g	0.1g
.11	1500g	0.05g
.12	3000g	0.1g
.13	3000g	0.01

Balance Platform (ELP.101.110)

Platform-type scale, calibrated 125x0.5 kg. With zero adjustment and magnifier over scale opening. Accurate, sensitive and portable.

Balance Spring Dial type (ELP.101.111)

Circular scale, heavy pattern, suspension and load hooks.



	Capacity	Sub-division
.01	1 kg.	5gm.
.02	10 Kg.	50 gm.
.03	20 Kg.	100 gm.
.04	50 Kg.	200 gm.
.05	100 Kg.	500 gm.

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Balance compression Multipurpose (ELP.101.112)

Weighing scale. A highly accurate and sensitive scale manufactured as per international specifications. Durable ultramodern shape, wide view dial, large scoop pan and anti-rust coated parts.

	Capacity	Subdivision
.01	2 kg.	10 gm.
.02	4 kg.	20 gm.
.03	5 kg.	25 gm.
.04	10 kg.	50 gm.

Balance Spring (ELP.101.113)

Rectangular, Plastic bodies with large, easily readable flat scales, zero adjustable device having anodized metal scale is provided.

	Capacity	Sub-division
.01	50	0.5 gm.
.02	50	1 gm.
.03	100	1 gm.
.04	200	4 gm.
.05	250	5 gm.
.06	500	5 gm.
.07	500	10 gm.
.08	1000	20 gm
.09	2000	40 gm.

Balance Spring (ELP.101.114)

As per details given in **Cat. No. ELP.101.111** but with Dual scale, in metric and Newton range

.01	102 gm./1 N
.02	204 gm./2 N
.03	255 gm./2.5 N



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Balance Spring (ELP.101.116)

In flat form, metal case, as per details of cat. No. ELP.101.113 but in Newton range.

.01	Capacity 2.5 N
.02	Capacity 5 N
.03	Capacity 10 N
.04	Capacity 20 N
.05	Capacity 50 N
.06	Capacity 100 N

	Capacity	Subdivision
.01	100	1 gm.
.02	200	2 gm.
.03	250	2.5 gm.
.04	500	5 gm.
.05	1000	10gm.
.06	2000	20gm.
.07	5000	50gm.
.08	10Kgs	100gm.

Balance Spring (ELP.101.115)

in flat form, metal case, with large easily readable scales.

	Capacity	Subdivision
.01	100	1 gm.
.02	200	2 gm.
.03	250	2.5 gm.
.04	500	5 gm.
.05	1000	10gm.
.06	2000	20gm.
.07	5000	50gm.
.08	10Kgs	100gm.

N	510
.04	gm./5 N
	1020
.05	gm./10 N
	2040
.06	gm./20 N

Effective Laboratory Supplies



Bringing Science to Life

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PHYSICS



Balance spring (ELP.101.117)

In graduated tabular metal of brass/aluminium with zero adjuster, provided with top suspension loop and hook.

	Capacity	Subdivision
.01	100	1 gm.
.02	200	2 gm.
.03	500	5 gm.
.04	1000	10 gm.

Balance spring (ELP.101.118)

As per details of Cat. no. ELP.101.117 but with Dual scale in Metric and Newton range.

.01	102 gm. / 1
	204
.02	gm. / 2 N
	255
.03	gm. / 2.5 N



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510
.04 gm. / 5
N
1020
.05 gm. / 10
N
2040
.06 gm. / 20
N

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Balance spring (ELP.101.119)

In graduated tabular acrylic case with zero adjuster, provided with top suspension loop and hook. Each range is color coded for convenience, and is scaled in both grams and newtons. The spring mechanism is clearly visible and zero adjustment is incorporated.

	Capacity (Gms)	Capacity (Newtons)
.01	250	2.5.
.02	500	5
.03	1000	10
.04	2000	20
.05	3000	30
.06	5000	50

Basic Balance (ELP.101.141)

General Purpose Balance. 250 gm. Sensitivity 2 mg.