

Portable Electronic Balance

ELB Series

Precision without compromise in the field



The most user-friendly portable balance

Designed for accuracy

Shimadzu cares to the last digit. Level indicator and adjustable legs are part of our design to enable accurate weighing.

One-second response

Fast read-out and high stability save time and increase your productivity.

Long battery life / Auto power off

Continuous operation capacity of 40 hours makes you feel connected to power anywhere. Auto-power-off function prevents unnecessary consumption of batteries.

Easy battery replacement

Why should you turn it over ? Batteries can be replaced with ease while the balance stays in operating position. This protects the load cell from damage from the pan supporting shaft.



■ Excellent Durability

Durability is an important issue especially in field use. Base structure is a metal die cast. Overload prevention mechanism protects the load cell.

■ Useful Functions

Piece counting, percent display, various unit conversions are standard features.

Solid specific gravity measurement software is installed as a standard feature supported by optional accessories.

■ Weigh and record in the field

Adding dual-power EP-80 / 90 Electronic Printer makes a totally portable system operated with replaceable batteries. Electronic Printer can be connected without additional interface.



■ Specifications

Model	High resolution type							Standard resolution type		
	ELB120	ELB200	ELB300	ELB600	ELB1200	ELB2000	ELB3000	ELB12K	ELB600S	ELB6000S
Capacity	120 g	200 g	300 g	600 g	1200 g	2000 g	3000 g	12 kg	600 g	6000 g
Minimum display	0.01 g	0.01 g	0.01 g	0.05 g	0.1 g	0.1 g	0.1 g	1 g	0.1 g	1 g
Taring range	0 g to capacity									
Ambient temperature	5 - 35°C									
Functions	Piece counting, % display, Specific gravity measurement S/W, Environmental adjustment, Zero-tracking, Auto power off									
Unit conversions	g, kg, ct, oz, ozt, dwt, GN, Hong Kong tael, Singapore tael, Taiwan tael, mom									
Data output	DATA I/O (For electronic printer, RS-232C interface)									
Pan size	110mm dia					170 x 130mm				
Dimensions (approx.)	185W x 215D x 55H mm									
Weight (approx.)	1.25kg (without batteries)									
Power source	6 AA batteries, or AC (optional AC adapter required)									
Standard accessories	Battery holder, In-use protective keypad cover									

■ Peripherals

- ◆ Electronic Printer “EP-80” “EP-90” (impact-dot print)
- ◆ RS-232C Interface “IFB-102A”
- ◆ Specific Gravity Measurement Kit “SMK-201” (for rectangular-pan models only)
- ◆ Carrying case
- ◆ In-use protective cover
- ◆ Below weigh hook



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