

EL Series

Electronic Balances

One-second Response



comes with Precision

and affordable price

■ **One-second Response**

Very fast response saves your time remarkably.

■ **Patented Overload Protection**

Shimadzu's original method protects the sensor from damage.

■ **Link to External Devices**

An optional interface enables communication with external devices.

■ **High Resolution, 1: 30,000**

High resolution models have joined to the line-up.

■ **Application Functions**

Piece counting, percent display, specific gravity measurement software are standard.

EL Series

Specifications

Model	EL200 NEW	EL300 NEW	EL2000 NEW	EL3000 NEW	EL600S
Capacity	200g	300g	2000g	3000g	600g
Minimum display	0.01g		0.1g		
Repeatability (Standard deviation)	$\sigma \leq 0.01g$		$\sigma \leq 0.1g$		
Linearity	$\pm 0.01g$	$\pm 0.02g$	$\pm 0.1g$	$\pm 0.2g$	$\pm 0.1g$
Response time (approx.)	1 sec. (Fast Response Mode)				
Ambient temperature	5 - 40°C				
Temperature coefficient of sensitivity (15 - 35°C)	$\pm 15ppm/^{\circ}C$	$\pm 10ppm/^{\circ}C$	$\pm 15ppm/^{\circ}C$	$\pm 10ppm/^{\circ}C$	$\pm 20ppm/^{\circ}C$
Pan size (mm)	$\phi 110$		170 x130		
Dimensions	W185 x D215 x H55 mm (approx.)				
weight	1.25 kg (approx.)				

Model	EL6000S	EL120	EL600	EL1200	EL12K
Capacity	6000g	120g	600g	1200g	12Kg
Minimum display	1g	0.01 g	0.05 g	0.1 g	1g
Repeatability (Standard deviation)	$\sigma \leq 1g$	$\sigma \leq 0.01g$	$\sigma \leq 0.05g$	$\sigma \leq 0.1g$	$\sigma \leq 1g$
Linearity	$\pm 1g$	$\pm 0.01g$	$\pm 0.05g$	$\pm 0.1g$	$\pm 1g$
Response time (approx.)	1 sec. (Fast Response Mode)				
Ambient temperature	5 - 40°C				
Temperature coefficient of sensitivity (15 - 35°C)	$\pm 20ppm/^{\circ}C$				
Pan size (mm)	170 x130	$\phi 110$	170 x130		
Dimensions	W185 x D215 x H55 mm (approx.)				
weight	1.25 kg (approx.)				



■ Below balance weighing hook



■ Electronic Printer EP-60A
Thermal print,
Statistic calculation functions



■ Specific Gravity Measurement Kit SMK-201

For efficient measurement of specific gravity (Not available for EL120, EL200, and EL300)

■ RS-232C Interface IFB-102A

For bi-directional communication with a PC

■ RS-232C Cable

For data communication



URL <http://www.shimadzu.com/balance>

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