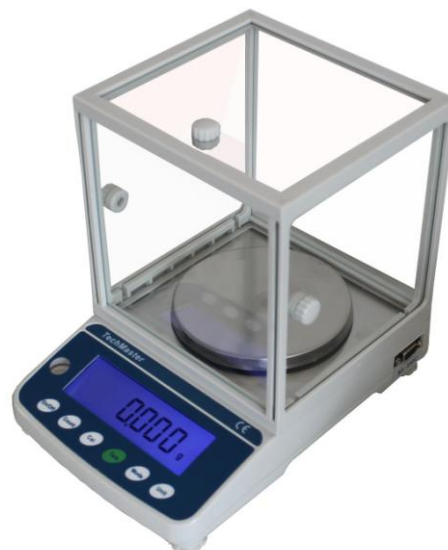


ES-HA Series Precision Balance

The ES-HA series balances offer a quality balance at an affordable price. All models come standard with robust plastic housing and an AC adapter, and bi-directional RS-232 interface allowing communication to a PC. External calibration. With its fine feature set and simple functionality, the ES-Ha series is the sensible response to almost any application, in any market sectors requiring an accurate precision weighing solution.

Standard Features

- High precision strain gauge loadcell
- Rugged construction with stainless steel plate and spill ring
- Draft shield for more accurate reading
- AC or battery operated
- Sealed front panels
- Easy 6-button operation
- With leveling bubble and adjustable feet for the stability of scale
- External calibration
- Standard bi-directional RS232 interface



SPECIFICATIONS

Model Number	ES-103HA	ES-203HA	ES-303HA	ES-200HA	ES-300HA
Capacity (g)	100	200	300	200	300
Readability (g)	0.001	0.001	0.001	0.01	0.01
Repeatability (std dev) (g)	0.001	0.001	0.001	0.01	0.01
Linearity	0.002g	0.002g	0.002g	0.01g	0.01g
Operating Temperature	50°F to 104°F / 10°C to 40°C				
Tare Range	To capacity by subtraction				
Stabilization Time	3 sec				
Weighing Modes	g, oz, ozt, dwt, ct, lb, %, 1 custom unit, parts counting				
Over Range Capacity	Capacity plus 9d				
Calibration	Auto calibration				
Display	30mm High LCD (EL Backlight LCD)				
Power Requirements	AC Adapter 110V, 220V 50/60 Hz or 4 AA Batteries(not included)				
Platform Size	120mm dia				

Model Number	ES-400HA	ES-500HA	ES-600HA	ES-1000HA	ES-1200HA
Capacity (g)	400	500	600	1000	1200
Readability (g)	0.01	0.01	0.01	0.01	0.01
Repeatability (std dev) (g)	0.01	0.01	0.01	0.01	0.02
Linearity	0.01g	0.01g	0.01g	0.01g	0.02g
Operating Temperature	50°F to 104°F / 10°C to 40°C				
Tare Range	To capacity by subtraction				
Stabilization Time	3 sec				
Weighing Modes	g, oz, ozt, dwt, ct, lb, %, 1 custom unit, parts counting				
Over Range Capacity	Capacity plus 9d				
Calibration	Auto calibration				
Display	30mm High LCD with blue backlight				
Power Requirements	AC Adapter 110V, 220V 50/60 Hz or 4 AA Batteries(not included)				
Platform Size	120mm dia				
Dimensions (W x H x D)	9.8"(L) x 6.7"(W) x 2.6"(H) (250mm x 170mm x 67mm)				
Net Weight	1.0 kg				

Certifications: Full FCC compliance, UL/CUL power adapter, CE, WEEE directive



* Improvements in specifications are subject to change without notice.

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