

*Compact Precision Balances*

# *EJ Series*

1 mg



*EJ-123*  
120 g × 0.001 g (1 mg)



*EJ-303*  
310 g × 0.001 g (1 mg)

“A newly developed load cell realizes extremely cost-effective precision balances, enabling smooth, stable milligram measurements for a capacity up to 310 g.”

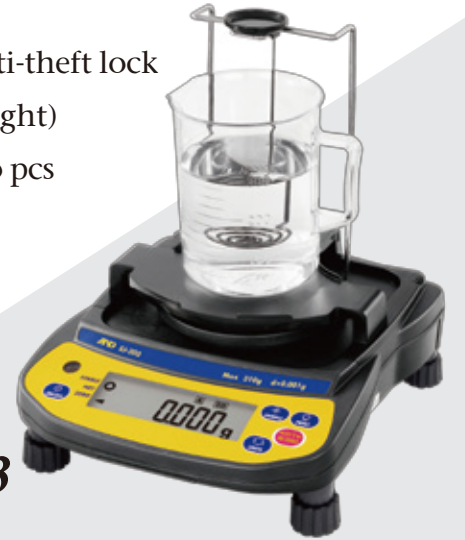
***Recommended Especially for Use in Primary, Secondary and Tertiary Education!***

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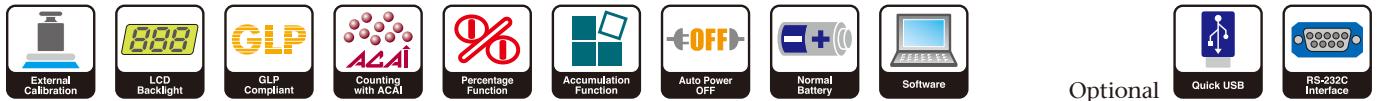


## Features

- ✓ Breeze break with anti-static coating to ensure high precision and stability
- ✓ Adjustable response characteristics depending on the degree of drafts and vibrations at the location
- ✓ Hygienic and chemically resistant stainless steel (SUS304) weighing pan
- ✓ Operation with either AC adapter or four AA batteries
- ✓ Security slot in the rear of the balance to accommodate an anti-theft lock
- ✓ Easy-to-read LCD display with backlight (16 mm character height)
- ✓ Multiple weighing units: g, oz, ozt, ct, dwt, gr, N, in addition to pcs (counting mode) and % (percent mode)
- ✓ Display hold, accumulation (M+), auto power OFF functions
- ✓ Automatic density calculation using the optional density determination kit (EJ-13)



**EJ-13**



## Specifications

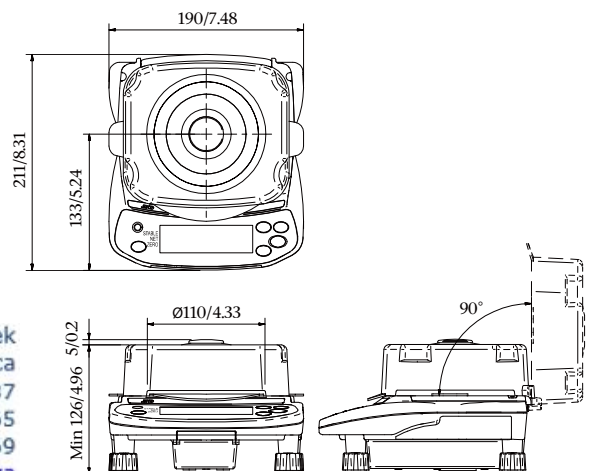
	EJ-123	EJ-303
<b>Weighing capacity</b>	120 g	310 g
<b>Minimum weighing value</b>	0.001 g	
<b>Repeatability (standard deviation)</b>	0.003 g	
<b>Linearity</b>	±0.003 g	
<b>Sensitivity drift</b>	±20 ppm/°C (10 to 30°C/50 to 86°F)	
<b>Counting mode</b>	0.001 g	
Min. unit weight*	0.001 g	
No. of samples	5, 10, 25, 50 or 100 pieces	
<b>Percent mode</b>	0.01%	
Min. % display	0.01%	
Min. 100% weight	0.1 g	
<b>Operating temperature</b>	10 to 30°C/50 to 86°F, 85% RH or less (no condensation)	
<b>Battery life</b>	Approx. 80 hours (with alkaline batteries, backlight off)	
<b>Weighing pan size</b>	Ø110 mm	
<b>Net weight</b>	Approx. 1160 g	
<b>Calibration weight</b>	100 g	300 g
<b>Standard accessories</b>	Breeze break, AC adapter, Instruction manual	

\* Factory setting

## Options

- EJ-02 Quick USB interface
- EJ-03 RS-232C interface
- EJ-13 Density determination kit

## Dimensions (mm/inches)



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