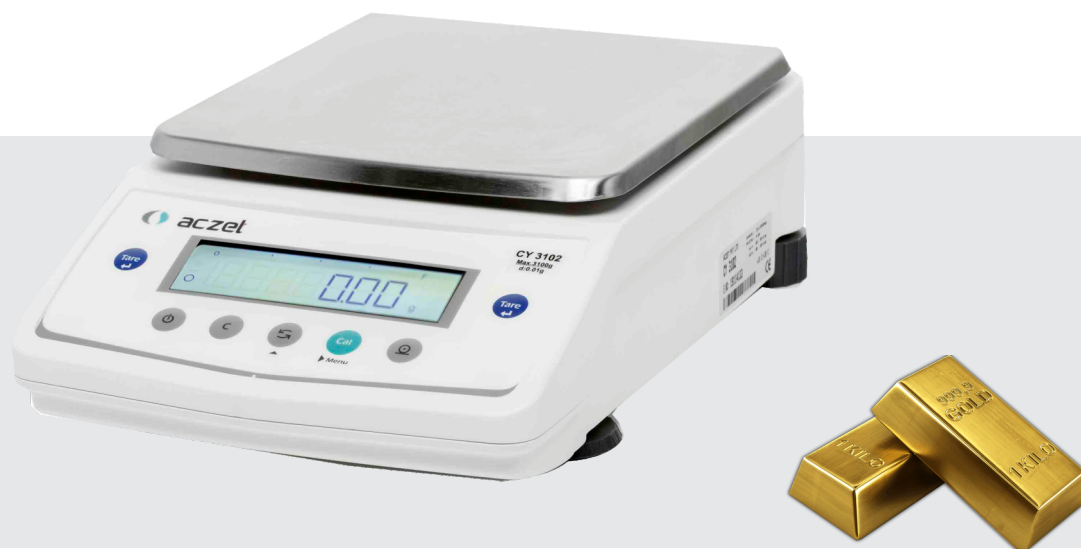


# Precision Balances CY Series



### The Brilliant Mono-Tech

Unique & Unequaled high end MONO-TECH technology (Weigh Sensor) to match the highest international standards.

### Construction

Durable construction with ABS housing, and large stainless-steel weighing pan allows quick cleaning. Level indicator and adjustable feet ensure proper balance setup.

### Excellent Readability

High-contrast, backlit display 15mm digits size is exceptionally easy to read under any room lighting conditions.

### Overload Protection

Capacity tracker built into display for easily monitoring possible overloads.

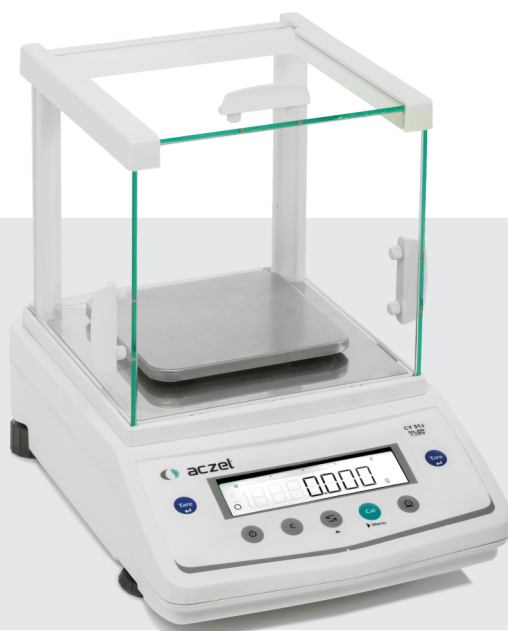
### Connectivity

A bi-directional RS 232C data interface or USB optional makes communication with PC / Printer easier.

Model	CY 1202	CY 2202	CY 3102	CY 4102	CY 6102	CY 2202C	CY 6102C
Maximum Capacity	1200 gm	2200 gm	3100 gm	4100 gm	6100 gm	2200 gm	6100 gm
Minimum load	500 mg	500 mg	500 mg	500 mg	500 mg	500 mg	500 mg
Readability	0.01 gm	0.01 gm	0.01 gm	0.01 gm	0.01 gm	0.01 gm	0.01 gm
Repeatability (sd)	0.01 gm	0.01 gm	0.01 gm	0.01 gm	0.01 gm	0.01 gm	0.01 gm
Linearity (±)	0.02 gm	0.02 gm	0.02 gm	0.02 gm	0.02 gm	0.02 gm	0.02 gm
Tare Range (Subtractive)	-1200 gm	-2200 gm	-3100 gm	-4100 gm	-6100 gm	-2200 gm	-6100 gm
USP Minimum Weight	10 gm						
Pan Size (mm)	198 x 205						
Response Time	2 - 3 Sec.						
Display	Alpha Numeric Backlite LCD Display						
Calibration	External Calibration						
Units of measure	mg, gm, kg, lb, ct, GN, mo, oz, dwt, t1T, t1H, t1S, mom, Bat, MS						
Operating Temp.	15° to 35°C						
Sensitivity Drift.	± 1ppm (1 x 10 <sup>-6</sup> / °C)						
Interface	RS 232C /USB ( Optional )						
Application Modes	PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing, Density Determination, etc.						
Power Supply	DC Adaptor, input 100 ~ 240 0.8A output 13V / 15.A, 50-60Hz						
Compliance	ISO, GLP / GMP						
Balance Size (W x D X H) mm	342.5 x 212 x 89.5						
Weight Approx	6.8 kg						

Typical minimum sample weight according to USP Chapter41

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### Connectivity

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Model	CY 223	CY 323	CY 513	CY 723	CY 1003
Maximum Capacity	220 gm	320 gm	510 gm	720 gm	1000 gm
Minimum load	20 mg	20 mg	20 mg	20 mg	20 mg
Readability	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm
Repeatability (sd)	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm
Linearity (±)	0.002 gm	0.002 gm	0.002 gm	0.002 gm	0.002 gm
Tare Range (Subtractive)	-220 gm	-320 gm	-510 gm	-720 gm	-1000 gm
USP Minimum Weight	1gm				
Pan Size (mm)	110 Ø			128 x 128	
Response Time	2 - 3 Sec.				
Display	Alpha Numeric Backlite LCD Display				
Calibration	External Calibration				
Units of measure	mg, gm, kg, lb, ct, GN, mo, oz, dwt, t1T, t1H, t1S, mom, Bat, MS				
Operating Temp.	15° to 35°C				
Sensitivity Drift.	± 1ppm (1 x 10 <sup>-6</sup> / °C)				
Interface	RS 232C/ USB (Optional).				
Application Modes	PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing, Density Determination, etc.				
Power Supply	DC Adaptor, input 100 ~ 240 0.8A output 13V / 15.A, 50-60Hz				
Compliance	ISO, GLP / GMP				
Balance Size (W x D X H) mm	342.5 x 212 x 341 / Chamber Height 158.5				
Weight Approx	7.5 kg				