



# Precision Balances

## CY / CY-C Series



### The Brilliant Mono-Tech

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

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

### Perfect Self Auto Calibration (PSAC) CY-C Series

When the ambient temperature changes by a specific value or once a defined time interval has elapsed, it performs Internal Calibration.

**Overload Protection** Capacity tracker built into display for easily monitoring possible overloads.

### Leveling

Balances have adjustable feet for maintaining / providing uniform level.

**GLP** Built-in clock make all your documents ISO / GLP / GMP compliance.

**Easy Data Transfer** Interface RS 232C Optional USB (Windows direct communication).

**Statistics** This smart feature enables the user to obtain the statistic of the data stored in the scale including details such as number of readings, minimum value, maximum value, standard deviation, difference and Coefficient of variance.

**Anti-theft device** Balance are equipped with a lug for optional anti-theft device. The anti-theft device (cable with lock) is suitable for all models.

Performance Depending on the installation location and environmental conditions, the value could be higher.

## Specifications of CY & CY-C SERIES

Internal Calibration CY-C	CY 223C	CY 323C	CY 423C	CY 513C	CY 723C	CY 1003C
External Calibration CY	CY 223	CY 323	CY 423	CY 513	CY 723	CY 1003
Capacity	220 g	320 g	420 g	510 g	720 g	1000 g
Readability	0.001 g	0.001 g	0.001 g	0.001 g	0.001 g	0.001 g
Repeatability (+/-)	0.001 g	0.001 g	0.001 g	0.001 g	0.001 g	0.002 g
Linearity (+/-)	0.002 g	0.002 g	0.002 g	0.002 g	0.002 g	0.005 g
Tare Range (Subtractive)	Full Capacity					
Min. Sample Wt. as per USP	1 g	1 g	1 g	1 g	1 g	1 g
Pan Size (mm)	128 x 128					
Response Time	2 - 3 sec					
Display	Alpha Numerical Backlite LCD Display					
Calibration CY-C	Fully Automatic Motorized Internal built-in Weights Calibration					
Calibration CY	External Calibration					
Units Of Measure	g, mg, ct, GN, mo, oz, dwf, t1T, t1H, t1S, mom, Bat, MS					
Operating Temp.	15°C ~ 35°C					
Sensitivity Drift	± 1ppm (1 x 10 <sup>6</sup> / °C)					
Application Modes	PCS, % Weighing, Animal/Dynamic Weighing, Check Weighing, Automatic Density Determination Formulation etc.					
Power Supply	DC Adapter, input 100 ~ 240 0.8A output 13V / 1.5A, 50 / 60Hz					
Compliance	ISO / GLP / GMP Compliance					
Balance Size (WxDxH) mm	342.5 x 212 x 271 / chamber height : 158.5					
Net Wt. / Gross Wt.	7.5kg / 8.8 kg					

\* All Specifications & Dimensions are subject to change without Prior notice.