



The Brilliant Mono-Tech

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

External Calibration

Automatic setting up of the balance accuracy. External test weight required

Overload Protection

Capacity tracker built into display for easily monitoring possible overloads.

Excellent Readability

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

GLP

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

Below Weighing Hook

Hook for weighing below the balance.

Automatic shut off

For power saving mode.

CY Series Top Pan Precision Balances

Standard Level

Model	CY 3101	CY 4101	CY 6101	CY 8101	CY 10001	CY 12001
Maximum Capacity	3100 gm	4100 gm	6100 gm	8100 gm	10 kg	12 kg
Minimum load	10 gm	10 gm	10 gm	10 gm	10 gm	10 gm
Readability	0.1 gm	0.1 gm	0.1 gm	0.1 gm	0.1 gm	0.1 gm
Repeatability (sd)	0.1 gm	0.1 gm	0.1 gm	0.1 gm	0.1 gm	0.1 gm
Linearity (±)	0.2 gm	0.2 gm	0.2 gm	0.2 gm	0.2 gm	0.2 gm
Tare Range (Subtractive)	-3100 gm	-4100 gm	-6100 gm	-8100 gm	-10000 gm	-12000 gm
USP Minimum Weight	82 gm					
Pan Size (mm)	198 x 205					
Response Time	2 - 3 Sec.					
Display	Alpha Numeric Backlite LCD Display					
Calibration	External Calibration					
Units of measure	gm, mg, ct, GN, mo, oz, dwt, t1T, t1H, t1S, mom, Bat, MS					
Operating Temp.	15° to 35°C					
Sensitivity Drift.	± 2ppm (2 x 10 ⁻⁶ / °C)					
Interface	RS 232C Optional USB (Windows direct communication).					
Application Modes	PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing, Automatic Density Determination, Formulation Automatic Statistic Calculator etc.					
Power Supply	DC Adaptor, input 100 ~ 240 0.8A output 13V / 15.A, 50-60Hz					
Compliance	ISO, GLP / GMP & USP					
Balance Size (W x D X H) mm	342.5 x 212 x 89.5					
Weight Approx	7.3 kg					

Typical minimum sample weight according to USP Chapter41