



### 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.

### Below Weighing Hook

Hook for weighing below the balance.

## CY- ST Series Split Type Balances

Standard Level

Model	CY 224 ST	CY 324 ST	CY 223 ST	CY 323 ST	CY 2202 ST	CY 3102 ST
Maximum Capacity	220 gm	320 gm	220 gm	320 gm	2200 gm	3100 gm
Minimum load	10mg	10mg	20 mg	20 mg	500 mg	500 mg
Readability	0.1 mg	0.1 mg	0.001 gm	0.001 gm	0.01 gm	0.01 gm
Repeatability (sd)	0.1 mg	0.2 mg	0.001 gm	0.001 gm	0.01 gm	0.01 gm
Linearity (±)	0.2 mg	0.3 mg	0.002 gm	0.002 gm	0.02 gm	0.02 gm
Tare Range (Subtractive)	-220 mg	-320 gm	-220 gm	-320 gm	-2200 gm	-3100 gm
USP Minimum Weight (U=1% K=2)	16 mg		100 mg		820 mg	
USP Minimum Weight (As Per USP)	160 mg		1gm		8.2 gm	
Pan Size (mm)	Ø 90 mm		Ø 110 mm		198 x 205 mm	
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	9.3 kg		7.5 kg		6.8 kg	

Typical minimum sample weight according to USP Chapter 41