



#### The Brilliant Mono-Tech

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

#### Internal Calibration

Fully Automatic motorized internal built in weights Calibratio.

#### Perfect Self Auto Calibration (PSAC)

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.

#### 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-C Series Semi Micro Balances

Professional Level

Model	CY 265C	CY 285C	CY 165C	CY 255C
Maximum Capacity	60 / 220 g	80 / 220 g	100 / 160 g	100 / 250 g
Minimum load	1 mg	1 mg	1 mg	1 mg
Readability	0.01 / 0.1 mg	0.01 / 0.1 mg	0.01 / 0.1mg	0.01 / 0.1 mg
Repeatability (sd)	0.02 / 0.1 mg	0.02 / 0.1 mg	0.02 / 0.1 mg	0.05/0.1 mg
Linearity (+/-)	0.04 / 0.2 mg	0.04 / 0.2 mg	0.05 / 0.2 mg	0.06 mg
Tare Range (Subtractive)	-60 / 220 g	-80 / 220 g	-100 / 160 g	-250 g
USP Minimum Weight	20 mg	20 mg	20 mg	30 mg
Pan Size (mm)	80Ø Grid pan			
Response Time	2 - 8 Sec.			
Display	Alpha Numeric Backlite LCD Display			
Calibration	Motorised Internal 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.	± 1ppm (1 x 10 <sup>-6</sup> / °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 Adapter, input 100 ~ 240 0.8A output 13V / 1.5A, 50 / 60Hz			
Compliance	ISO, GLP / GMP Compliance			
Balance Size (W x D X H) mm	342.5 x 212 x 341 / Chamber Height : 228.5)			
Weight Approx	8 Kg / 9.3 kg			

Typical minimum sample weight according to USP Chapter41