



Design

Micro Balance consists of two components - one containing the electronics and the other, the precise mechanical measuring cell. This separation eliminates the effects of temperature and the influence it has on the microbalance scale.

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 Calibration.

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.

Automatic shut off

For power saving mode.

CM-F Series Filter Micro Balances

Professional Level

Model	CM 2F	CM 5F	CM 6.1F
Maximum Capacity	2 gm	5 gm	6.1 gm
Readability	1 µg	1 µg	1 µg
Repeatability (sd)	0.7 µg	1 µg	1 µg
Linearity (+/-)	3 µg	5 µg	5 µg
Tare Range (Subtractive)	-2 gm	-5 gm	-6 gm
USP Minimum Weight	2 mg	2 mg	2 mg
Pan Size (mm)	15Ø ~ 30Ø		
Response Time	8 - 10 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.	18° to 30°C		
Sensitivity Drift.	± 1ppm (1 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	A/C Adaptor 230V or 115V / +/-20% 50-60Hz		
Compliance	ISO, GLP / GMP Compliance		
Balance Size (W x D X H) mm	Mechanical Box : 360 (L) x 140 (W) x 146 (H) Electronic Box : 240 (W) x 210 (D) x 65 (H)		
Weight Approx	10.20 / 14.70 kg		

Typical minimum sample weight according to USP Chapter 41