



## 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 powersaving mode.



Infrared Sensor

## Infrared Sensor

Automatic opening and closing of the glass shield doors

# CM Series Micro Balances

Professional Level

Model	UCM 2A	CM 2	CM 5	CM 6	CM 11	CM 21	CM 31
Maximum Capacity	2 gm	2 gm	5 gm	6.1 gm	11 gm	21 gm	31 gm
Readability	0.1 µg	1 µg	1 µg	1 µg	1 µg	1 µg	1 µg
Repeatability (sd)	0.3 µg	0.7 µg	1 µg	1 µg	1.2 µg	1.2 µg	2 µg
Linearity (+/-)	1.5 µg	3 µg	5 µg	5 µg	6 µg	7 µg	8 µg
Tare Range (Subtractive)	-2 gm	-2 gm	-5 gm	-6 gm	-11 gm	-21 gm	-31 gm
USP Minimum Weight	0.5 mg	2 mg	2 mg	2 mg	2.4 mg	2.4 mg	4 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 <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	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 Chapter41