

# Micro Balance CM Series



Micro balances are sensitive against environmental influences and the installation place should be selected carefully.

## Applications.

- Pharma Industry
- Food Industry
- Chemical Industry
- Research Industry
- Environmental Industry

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

### 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.

### Easy Data Transfer

Interface RS 232C Optional USB (Windows direct communication).

### Power Saving Mode

Auto zero tracking

### Overload Protection

Capacity tracker built into display for easily monitoring possible overloads.

### GLP

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

### Protection (Optional):

Password Protection menu lock.

### Excellent Readability

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

### Fast Results :

Short measurement times result in save your valuable time during each weighing operation.

### More than weighing :

10 different pre-programmed applications ions other than basic weighing ease you routine lab work like, Filling, Statistics, Checking weighing, Percent weighing and Formulation.



Model	CM 2	CM 5	CM 11	CM 19	CM 21	CM 31
Capacity	2 gm	5 gm	11 gm	19 gm	21 gm	31 gm
Readability	1 µg	1 µg	1 µg	1 µg	1 µg	1 µg
Repeatability (sd)	0.7 µg	1 µg	1.2 µg	1.2 µg	1.2 µg	2 µg
Linearity (+/-)	3 µg	5 µg	6 µg	7 µg	7 µg	8 µg
Tare Range (Subtractive)	-2 gm	-5 gm	-11 gm	-19 gm	-21 gm	-31 gm
Minimum Sample Wt. as per USP	2 mg	2 mg	2.4 mg	2.4 mg	2.4 mg	4 mg
Pan Size (mm)	15Ø ~ 30Ø					
Response Time	8 - 10 sec.					
Display	Alpha Numeric 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°C to 30°C					
Sensitivity Drift.	± 2ppm (2 x 10 <sup>-6</sup> / °C)					
Application Modes	PCS, % Weighing, Determination, Formulation Automatic Statistic Calculator etc.					
Power Supply	A/C Adaptor 230V or 115V / +/-20% 50-60Hz					
Compliance	ISO, GLP / GMP Compliance					
Weighing chamber height (mm)	75 Ø x 86.5 (H)					
Balance Size (mm)	Mechanical Box : 360 (L) x 140 (W) x 146 (H) / Electronic Box : 240 (W) x 210 (D) x 65 (H)					
Weight Approx (kg)	10.20 / 14.70 kg					

Specification are subject to change without prior notice. Images shown are for illustrations purpose only.

WORLD WIDE MARKETING

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