

CM-A SERIES

Touch Screen Micro Balances



aczel®



Filter Paper



Micro Pipette

- SEN
- CAL INT
- PSAC
- CAL EXT
- UNIT
- PIPT
- Form
- PCS
- %
- FIL
- Che
- Statistical
- GLP
- OL
- PC RS 232
- WD Windows Direct
- USB
- CT
- PT
- Auto off
- T
- LVL
- IP
- P

Infra Red Sensor



Thanks to infrared sensors, you can weigh without touching the balance, Everything is done automatically with a wave of your hand. You can focus completely on the sample, and weigh valuable or toxic substance safety and without spilling.

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 an 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.

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).

Auto off Automatic shut off for power saving mode

Overload Protection

Capacity tracker built into display for easily monitoring possible overloads.

Protection (Optional)

Protection of main balance configuration against manipulation (Manu Lock).

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

Excellent Readability

The ergonomic two-terminal concept simplifies handling in protected environments and the draft shield design concept makes cleaning easy. Moreover, touch-free sensors reduce the risk of cross-contamination.

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 your routine lab work like, Filling, Statistics, Checking weighing. Percent weighing and Formulation.

Work to Place

Pharma & Biotech Industry
Food & Beverages | Metal, Plastic & Electronics
Raw and Precious Materials | Pulp, Paper & Textile
Engineering, Machinery & Equipments | Testing Lab.

USP (United States Pharmacopeia) 21CFR Part 11 Compliance Available on Request.

Performance Depending on the installation location and environmental conditions, the value could be higher.

Model	CM 5A	CM 6A	CM 11A	CM 21A
Capacity	5 g	6.1 g	11 g	21 g
Readability	1 µg	1 µg	1 µg	1 µg
Repeatability (+/-)	1 µg (2g) 1.6 µg (2g÷5g)	1 µg (2g) 1.6 µg (2g÷5g)	1.5 µg (to 0.2g) 2.0 µg (0.2g÷5g) 2.5 µg (5g÷11g)	1.5 µg (to 0.2g) 2.0 µg (0.2g÷5g) 2.5 µg (5g÷11g) 3.0 µg (11g÷21g)
Linearity (+/-)	5 µg	5 µg	6 µg	7 µg
Tare Range (Subtractive)	Full Capacity			
Min. Sample Wt. as per USP	2 mg	2 mg	2.4 mg	2.4 mg
Pan Size (mm)	15 Ø ~ 30 Ø			
Response Time	8 - 10 sec.			
Calibration	Perfect Auto Internal Time & Temp. Controlled Smart Calibration			
Display	5.7" Touch Screen Display			
Unit of Measure	g, mg, ct, GN, mo, oz, dwt, t1T, t1H, t1S, mom, Bat, MS			
Sensitivity Drift	2ppm (2 x 10 ⁻⁶ / °C)			
Interface	RS 232C			
Operating Temp.	18°C to 30°C			
Power Supply	A/C Adaptor 230V or 115V +/- 20% 50-60Hz			
Compliance	ISO GLP / GMP Compliance			
Weighing Chamber	90 mm Ø			
Net Wt. / Gross Wt.	10.20 kgs / 14.70 kgs			
Balance Size	565 x 565 x 355 / 22.2" x 22.2" x 14"			

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

Specifications of
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WORLDWIDEMARKETING

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