

Ultra Micro Balance

UCM- 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 Ultra 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.

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 safely and without spilling.



Model	UCM 2A
Capacity	2 gm
Readability	0.1 µg
Repeatability (sd)	0.3 µg
Linearity (+/-)	1.5 µg
Tare Range (Subtractive)	-2 gm
Pan Size (mm)	16 Ø
Response Time	8 - 10 sec.
Display	5.7" Touch Screen 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 ⁻⁶ / °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 USP Compliance
Weighing chamber height (mm)	75 Ø x 86.5 (H)
Dimensions for Electronic Box (mm)	240 (W) x 210 (D) x 65 (H)
Dimensions for Mechanical Box (mm)	360 (L) x 140 (W) x 146 (H)
Dimensions for Mechanical Box (mm)	565 (L) x 565 (W) x 355 (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

ACZET PVT. LTD.

Unit E2, Plot No. 15, WICEL Estate, Opp Seepz Gate Nol. 1, Andheri (E), Mumbai 400 093. (INDIA)
Tel. : +91-22-4243 7700 • Fax : +91-22-4243 7800 • E-mail : sales@aczel.com • Web : www.aczel.com