

# Filter Micro Balance

## CM-F Series



# aczel

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

### Filter weighing solution easy weighing of large size samples

#### Applications.

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

Aczel Filter 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 2F   | CM 5F | CM 6.1F |
|------------------------------------|---|-------|---------|
| 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 | -6.1 gm |
| Pan Size (mm)                      | 50Ø   |       |         |
| 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 USP Compliance   |       |         |
| Weighing chamber height (mm)       | 118 Ø x 35 (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)   |       |         |
| Packing Dimension (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 No. 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