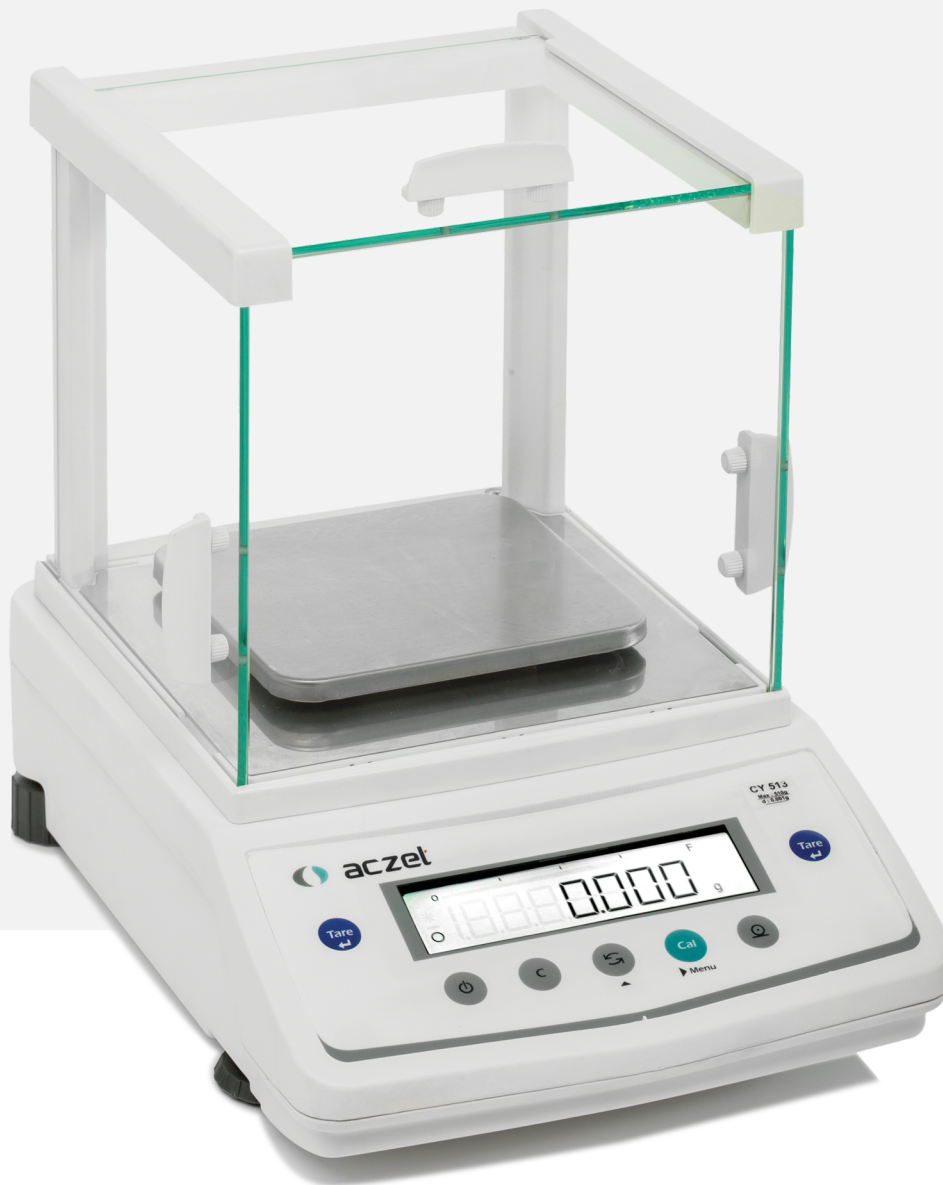




# Laboratory Balances & Scales

Solution Simplified



www.aczel.com

## Precision Balance CY-C Series

"Unmatched Precision, Reliable Results"

Precision Balances Perfect Measurements Guaranteed

# CY-C Professional Level Series

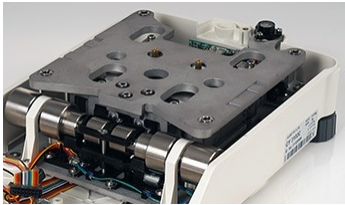
## 10 Easy-to-use Built-in Applications

Precise mass measurements and a dependable precision balance are must-have tools in any laboratory or setting that demands accuracy. The line of Precision Balances that we offer is meticulously engineered to provide highly accurate readings even for the minutest weight increments. Our Precision Balances are available in a wide range of capacities, from 120 g up to 3000 g, with a readability of 0.001 gm, catering to diverse weighing needs. Whether it's small-scale research or larger industrial applications, our Precision Balances cover the entire spectrum of precision operations..



- Piece Counting 123
- % Weighing 100
- Custom Unit 9 kg mg
- Animal Weighing
- Check Weighing
- Formulation
- Totalization  $\Sigma n$
- Density
- Statistics
- Pipette Check

### Reliable and precise results



The Mono-Tech technology sensor truly stands out with its unparalleled design based on electromagnetic force compensation (EMFC). Its exceptional performance meets the highest international standards. I am truly impressed by its unique features and the results it delivers.

### Strong and Sturdy Construction



Ensures reliability and durability with its strong construction and solid performance, perfect for long-term use.

### Easy-to-Read LCD Screen



The balance is equipped with a large LCD backlit screen that ensures easy visibility in any lighting conditions. The backlit feature illuminates the screen, making it readable even in low-light environments.

### Efficient Functioning



Designed with a spacious glass draft shield 3 side opening or Top side open Windshield also provide easy to access weighing pan an IP54 protection class for efficient and safe operation, and protection against dust and water splashes.

### Easy Leveling



Easy Leveling Simply adjust the feet of the balance until the level indicator shows that the air bubble is centered. This ensures accurate measurements.

### Efficient Communication



- Standard Rs232 and USB B interface
- Windows direct communication to MS-Excel or any other windows applications.

Precision Balances Perfect Measurements Guaranteed

# CY-C Professional Level Series

### Revolution in Mass Measurement Quantity

Our Precision balance sets a new benchmark for mass measurement quality with the best weighing accuracy and  $sd \leq 1d$  repeatability. We adhere to strict USP requirements (chapters 41 and 1251) to ensure the highest level of quality in our measurements.

### Monitored Ambient Conditions

A unique ambient conditions monitoring feature is applied to supervise environmental conditions at the balance workplace.

### Overload Protection

Monitor the built-in display for capacity tracking to prevent overloading the weighing cell.



### Internal Calibration Professional Level CY-C Series

Motorized built-in weight internal calibration ensures precise weighing performance in any condition.

### Environmental influence Professional Level CY-C Series

The PSAC Cal. function ensures accurate measurements in any condition. It performs automatic internal calibration based on time or temperature changes to maintain precision.

## 15 Significant Features

- Mono-Tech EMFC
- Internal Cal
- PSAC Cal
- External Cal
- GLP/GMP
- Auto Off
- Capacity Tracker
- Over Load Prot.
- IP 54
- Windows Comm.
- Connectivity
- Date & Time
- Levelling
- Anti-Thief lock
- Protective Cover

### GLP Documentation

05-Oct-23	20:35AM
Model	CY2AC
Serial	12345678
Ver.No.	1.2.3.4.5
Rel. ID	5/23
Product	312
Batch ID	723
Sample ID	1001
G	40.9999 g
G	240.9990 ct
G	1.763890 oz
G	40.9998 g
G	240.9989 ct
G	1.763889 oz
G	40.9999 g
05-Oct-23	20:35AM
Signature	



Balance includes a built-in GLP Documentation feature for easy input of essential information. Ensures compliance with GMP/GLP/ISO regulations, data directly associate to a printer.

### Effortless Cleaning



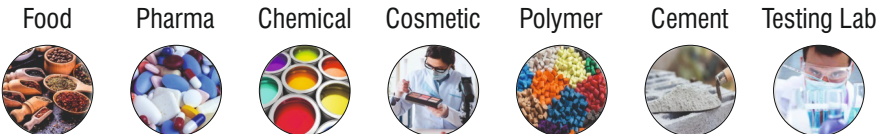
Effortless Cleaning The draft shields can be easily dismantled and assembled, making it really convenient to keep the balance clean and tidy.

### Below Balance Weighing is ideal for



- Oversized objects that would not be able to easily fit/balance on the scale pan.
- Irregularly shaped objects that have a hard time lying flat.
- Hot or cold materials whose temperature coefficient would affect the electronics of the scale.
- Magnetic materials that would interfere with the sensor and inner workings of the scale

### Application Industries



Professional Series	CY 323C	CY 513C	CY 1003C	CY 2003C
Maximum Capacity	320 g	510 g	1000 g	2000 g
Readability	0.001 g	0.001 g	0.001 g	0.001 g
Repeatability ( $\pm$ )	0.001 g	0.001 g	0.002 g	0.003 g
Linearity ( $\pm$ )	0.002 g	0.002 g	0.005 g	0.005 g
Tare Range (Subtractive)	-320 g	-510 g	-1000 g	-2000 g
Minimum Weight USP	1 g			
Minimum weight ((U=1%, k=2)	0.1 g			
Pan Size (mm)	128 x 128			
Response Time	2 - 3 Sec.			
Display	Alpha Numeric Backlit LCD Display			
Calibration	Motorised Internal Calibration			
Units of measure	gm, mg, ct, GN, mo, oz, dwt, t1T, t1H, t1S, mom, Bat, MS			
Operating Temp.	15° to 35°C			
Sensitivity Drift.	$\pm 2\text{ppm}$ ( $2 \times 10^{-6}/^{\circ}\text{C}$ )			
Relative humidity	40% ÷ 80%			
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	DC Adapter, input 100 ~ 240 0.8A output 13V / 15.A, 50-60Hz			
Compliance	ISO, GLP / GMP & USP			
Balance Size (W x D X H)	342.5 x 212 x 271 mm / Chamber Height 169.5mm			
Weight Approx	7.5 kg			

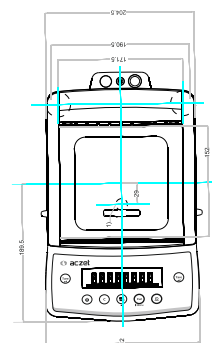
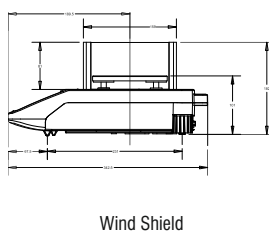
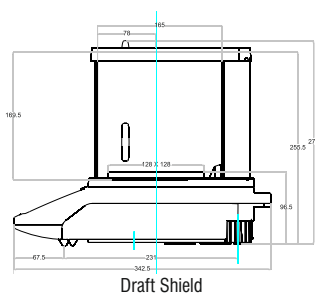
## Accessories

Data Printer - CPR 02 Dot Matrix  
 Test Weight - E1, E2, F1  
 Anti-Vibration Pad - VRD 03  
 Battery Backup - LBA-X 01  
 Remote Display - SRD 01  
 Interface Cable - LBA-X 15  
 Anti-Thief Lock - LBA-X 16  
 Specific Gravity Stand - LBA-X 13.B

## Software



21 CFR PART 11 PC Software



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