



aczel[®]

... Since 1986

Laboratory Balances & Industrial Scales


















Pharma | Food | Chemical



Solution Simplified

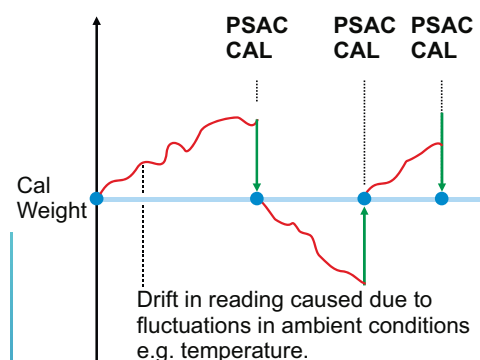
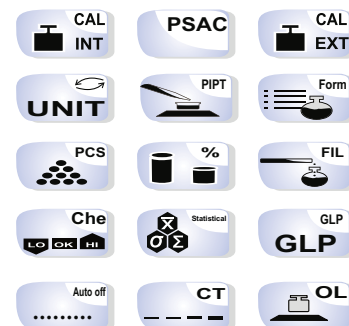
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Sensor The Brilliant MONO-TECH  Proven weighing technology for fast and accurate results.	Internal Calibration  Fully Automatic motorized Internal built in weights Calibration.	Perfect-Self Auto Calibration (PSAC)  Temperature controlled automatic internal adjustment (PSAC) uses the built-in weights to ensure consistently accurate results.
External Calibration  Automatic setting up of the balances accuracy. External adjusting weight required.	Custom Units  Weighing results in different units : kg, g, mg, lb, oz, ozt, Gn, dwt, mom, m, tl (according to country regulations)	Animal Weighing  When the weighing conditions are unstable, a stable weight is calculated as an average value.
Density Determination  To determine the density of solid / floating sample. Determination of the density uses Archimedes' principle.	Pipette Calibration  Balance allows you to calibrate the pipette used in laboratories for experimenting with liquids.	Formulation  This is convenient when formulating (preparing) multiple substances.
Piece Counting  Reference quantities selectable. Display can be switched from piece to weight	Percent Weighing  Determining the deviation in % from the target value (100 %)	Statistical  Allows you to generate statistics of a series of weighing values. 1 to 999 values are possible.
Filing Mode  This displays, pass, high or low judgments.	Below Weighing Hook  Hook for weighing below the balance.	Check Weighing  Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal.
Totalization  The weights of similar items can be added together and the total can be printed out	GLP / GMP  The balance displays serial number, user ID, weight, date and time, regardless of a printer connection	Over Load Protection  Protects the weighing cell against excess weight overload.
Capacity Tracker  Capacity tracker built into display for easily monitoring possible overloads.	Automatic Shut Off  Setting the time after which the display backlight should be switched off automatically.	IP 54  Protection against dust and splashes of water
Data Interface RS-232C  To connect the balance to a printer, PC or Network.	USB Data Interface  To connect the balance to a printer, PC or network (optional)	Windows Direct  The balance can be connect to a PC via RS-232C or USB ports.
Levelling  Balances have adjustable feet to maintaining / providing uniform level.	Anti-Theft Device  Balance are equipped with a lug for optional anti-theft device. The anti-theft device (cable with) is suitable for all models.	Protection Cover  Encloses the entire housing, protecting the balances from stains and scratches

Analytical Balance

CY-C / CY Series



Perfect Self Automatic Calibration (PSAC) CY-C Series

Temperature controlled automatic internal adjustment (PSAC) uses the built-in weights to ensure consistently accurate results.

Print Format

Built-in function, you can add the date and time to your results in accordance with GMP / GLP / ISO documentation regulations.

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

The Brilliant Mono-Tech

Unique & Unequalled high-end MONO-TECH technology sensor based on electromagnetic force compensation to match the highest international standards.

Maximum Repeatability and Adherence to USP

The best weighing accuracy and $sd \leq 1d$ repeatability along with adherence to USP requirements (chapter 41 and 1251) set a new benchmark for mass measurement quality.

Overload Protection

Capacity tracker built into display for easily monitoring possible overloads.

Leveling

Balances have adjustable feet for maintaining / providing uniform level.

Efficient operation

The large LCD backlit display, push button keys easy access to the main functions make these balances easy to use.

High-Quality construction and solid performance ensure consistent and precise weighing results.

Ambient Conditions Monitoring

Balances have unique ambient conditions monitoring solution, applied to supervise environmental conditions at the balance workplace.

Calibration	CY-C	CY
Internal Cal	✓	-
PSAC	✓	-
External Cal	✓	✓

Internal Calibration Model	CY 64C	CY 124C	CY 224C	CY 304C	CY 324C
External Calibration Model	CY 64	CY 124	CY 224		
Capacity	60 g	120 g	220 g	300 g	320 g
Minimum Load	10 mg	10 mg	10 mg	10 mg	10 mg
Readability	0.1 mg	0.1 mg	0.1 mg	0.1 mg	0.1 mg
Repeatability (+/-)	0.1 mg	0.1 mg	0.1 mg	0.2 mg	0.2 mg
Linearity (+/-)	0.2 mg	0.2 mg	0.2 mg	0.3 mg	0.3 mg
Response time	2-3 sec	2-3 sec	2-3 sec	2-3 sec	2-3 sec
Minimum sample weight (U=1% K=2)	16 mg	16 mg	16 mg	16 mg	16 mg
Minimum sample weight (as per USP)	160 mg	160 mg	160 mg	160 mg	160 mg
Pan size (mm)	90 Ø	90 Ø	90 Ø	90 Ø	90 Ø

Optional Accessories for Balances



Statistical Data Printer CPR 02

- GLP/GMP Header Footer.
- Date & Time Password Protected.
- Selectable Baud rate.



Statistical Data Printer CPR 03

- GLP/GMP Header Footer.
- Date & Time Password Protected.
- Selectable Baud rate.
- Universal Interface can be connected to any other brand.



Weighing Data Logging LBA-X 18

The data logging can be programmed to log the weight data in some particular condition or time. The automatic logging logs the weight data as soon as the weight stabilizes on the platform. It can be customized to log or accumulate the logged data and show number of cycles and total accumulated weight simultaneously



Density Kit CDK 01

- Convert your balance into a density determination in less than a minute.
- Density kit can be used for both floating and non-floating objects.
- Easy Sample Weighing.



Density Kit CDK 02

- Convert your balance into a density determination in less than a minute.
- Density kit can be used for both floating and non-floating objects.
- Easy Sample Weighing.
- Universal can be connected to any other brand.



Antistatic Ionizer CI-01 / 02

The Universal AntiStatic Kit can be used with practically all balances and weighing substances. The weighing sample or container is automatically discharged by passing it through the ionizer when the balance is being loaded.

Split Type Balance



CY-ST Series

Readability 0.1 mg / 1 mg / 10 mg

Flameproof Balance



CY-F Series