

Precision Balances



ACZET new and improved precision series incorporates unique and unequalled High end technology built to match the highest international standards. The result is TEN fold increase in weighing performance which maintains our proven, simple and easy to use operator interface. Attractive quality of this new design is demonstrated by the **CE mark** of conformity along with the ACZET ISO 9001:2008 certification.

STANDARD FEATURES

- Easy to read Large backlite LCD display with A.E.P. (Advanced Eye Protection)
- Standard RS 232 C interface.
- Windows Direct Communication
- Hanger for Below Balance weighing
- **ISO CAL Perfect Self Auto Calibration** When the ambient temperature changes by a specific value or once a defined time interval has elapsed, it performs External Calibration & fully automatic Internal calibration with built in motorized calibration weight for CY -C Series
- Sensor Type : Electromagnetic force compensation
- IP Protection : IP54
- Dye cast aluminium design for long term stability and accurate results
- User selectable stability and filter level
- Spacious draft shield interior
- Improved Repeatability For Better Results
- Statistics & Totalization
- Animal Weighing & Formulation
- Density measurement for solid and liquid [With optional eqp. & software]
- Auto Zero tracking
- Sprit leveling : Balance have adjustable feet for maintaining / providing uniform level.
- Overload protection.
- Two Tare Keys (Left & Right)
- Programmable smart keys provided for shortcut access to applications like Power On/Off, Tare etc.
- Balance are equipped with a lug for optional anti-theft device.
- Real Time Clock
- USP (United States Pharmacopeia) 21 CFR Part 11 Compliance Available on Request. Performance Depending on the installation location and environmental conditions, the value could be higher.
- Optional 2 level password

GLP PRINT FORMATS

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24-Jun-16      11:13AM
                Aczet
Model         CY 223C
Ser. no.      1624590
Ver. no.      r0.1.04
ID            1234567

Calibration:   Internal

W-ID          .....
Temperature    29.378°C
Set            + 200.000g
Diff.         -0.031g

Internal Cal Done
Diff.         0.000g

22-Mar-12      11:13AM
Name :         .....
    
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Split Type Balance



- GLP
- GLP
- PCS
- %
- ANI
- Che
- PIPT
- DEN
- Form
- AIR
- FIL
- UNIT
- PC
- RS 232
- USB
- CAL INT
- CAL EXT
- USP

Professional Level

Standard Level

| MODEL | CY 223C | CY 513C | CY 1003C | CY 2003C | CY 123 | CY 223 | CY 323 | CY 513 | CY 723 | CY 1003 | CY 2003 | CY 3003 |
|------------------------|--|---------|----------|----------|---------------------------|---------|---------|---------|---------|---------|---------|---------|
| CAPACITY | 220 g | 510 g | 1000 g | 2000 g | 120 g | 220g | 320 g | 510 g | 720 g | 1000 g | 2000 g | 3000 g |
| READABILITY | 0.001 g | 0.001 g | 0.001 g | 0.001 g | 0.001 g | 0.001 g | 0.001 g | 0.001 g | 0.001 g | 0.001 g | 0.001 g | 0.001 g |
| REPEATABILITY (+/-) | 0.001 g | 0.001 g | 0.002 g | 0.003 g | 0.001 g | 0.001 g | 0.001 g | 0.001 g | 0.001 g | 0.002 g | 0.003 g | 0.003 g |
| LINEARITY (+/-) | 0.002 g | 0.002 g | 0.005 g | 0.005 g | 0.002 g | 0.002 g | 0.002 g | 0.002 g | 0.002 g | 0.005 g | 0.005 g | 0.005 g |
| Min. Weight as per USP | 1 g | 1 g | 1 g | 1 g | 1 g | 1 g | 1 g | 1 g | 1 g | 1 g | 1 g | 1 g |
| CALIBRATION | Motorised Internal | | | | Automatic External | | | | | | | |
| RESPONSE TIME | 2-3 sec. | | | | | | | | | | | |
| DISPLAY | Alpha Numerical LCD Backlite Display with A.E.P. | | | | | | | | | | | |
| PAN SIZE (mm/inch) | 128 x 128 mm / 5.0" x 5.0" | | | | | | | | | | | |
| UNITS OF MEASURE | gm, mg, ct, GN, mo, oz, dwt | | | | | | | | | | | |
| TARE RANGE | Full Capacity | | | | | | | | | | | |
| OPERATING TEMP. | 10° ~ 40°C | | | | | | | | | | | |
| SENSITIVITY DRIFT | ± 1ppm / °C in temperature +15° to 35°C | | | | | | | | | | | |
| PROTECTION | User Administration & Password Protection | | | | | | | | | | | |
| APPLICATION MODES | PCS, % Weighing, Animal / Dynamic Weighing Check Weighing, Automatic Density, Determination, Formulation Automatic Statistic Calculator etc. | | | | | | | | | | | |
| COMPLIANCE | ISO GLP / GMP / USP Compliance | | | | | | | | | | | |
| POWER SUPPLY | A/C Adapter 230 V-115V +/- 20% 50-60 Hz | | | | | | | | | | | |
| NET WT. / GROSS WT. | 5 kg / 6 kg | | | | | | | | | | | |
| PACKING SIZE (mm/inch) | 510 x 410 x 330 / 20.1" x 16.1" x 13" (L x W x H) | | | | | | | | | | | |

Specifications of
CY SERIES

USP
 The Standard of Quality™