

PRECISION BALANCES CY SERIES



Citizen®
ISO 9001 : 2008 CERTIFIED



CITIZEN's 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 CITIZEN's ISO 9001: 2000 certification.

Citizen precision balances come with all the intelligent capability you need for your daily routine application other than "Basic Weighing" like

- Piece Counting
- Percentage (%) weighing
- Formulation
- Totalisation
- CY-C Series precision balances comes with fully Automatic Internal Calibration.
- Density measurement for solid and liquid [with optional eqp & software]
- Fully Automatic Internal calibration with various 'PSAC' Following features. Enables user for highly perfect and Precise weighing
- INTIAL Calibration
- Self Calibration according to change in the ambient temperature
- User selected TIME Calibration
- Formulation
- Pipette Calibration
- Below weighing
- Animal Weighing

PRINT FORMATS

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22-Mar-10 11:22AM
Citizen
Model CG 3102
Ser.no. 9821161
Ver.no. r8.1.04
ID 1234567
LID: 7654321
rRef 50 pcs
uRef 40.00 g
+ 50 pcs
+ 1999.97 g
+ 9999.85 ct
+ 50 pcs
22-Mar-10 11:23AM
Name: .....
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22-Mar-10 11:13AM
Citizen
Model CG 3102
Ser.no. 9821161
Ver.no. r8.1.04
ID 1234567
Calibration: External
H-ID .....
Temperature 29.320 °C
Set + 2000.00s
Diff. -0.31s
External Cal Done
Diff. 0.00s
22-Mar-10 11:13AM
Name: .....
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STANDARD FEATURES

High contrast, Large Backlite LCD display for easy viewing with A.E.P. (Advanced Eye Protection)
Standard RS 232 C interface /
Hanger for Below Balance weighing
Automatic External calibration
Compiles GLP/GMP Standard.
Dye cast aluminum design for long term stability and accurate results
Various weighing units like gm, mg, ct, oz, dwt, mom, GN, g, lb, ozt, t1T, t1H, t1S, Bat, MS.
User selectable stability and filter level
USB Interface available (Optional)

Statistical Calculation Function :

The balance display and / or output statistical calculation data as No. (number of data), SUM (total), MAX (maximum), MIN (minimum), R [range (maximum - minimum)], AVE (average), SD (standard deviation) and CV (coefficient of variation).

Technical data:		Standard Level					Professional Level				
MODEL	CY 120	CY 220	CY 320	CY 420	CY 510	CY 720	CY 1003	CY 220C	CY 320C	CY 510C	CY 1003C
CAPACITY	120 gm	220 gm	320 gm	420 gm	510 gm	720 gm	1000 gm	220 gm	320 gm	510 gm	1000 gm
READABILITY	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm
REPEATABILITY (sd)	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.001 gm	0.002 gm	0.001 gm	0.001 gm	0.001 gm	0.002 gm
LINEARITY (+/-)	0.002 gm	0.002 gm	0.002 gm	0.002 gm	0.002 gm	0.002 gm	0.002 gm	0.002 gm	0.002 gm	0.002 gm	0.002 gm
PAN SIZE (mm/inch)						128 x 128 / 5.0" x 5.0"					
Response Time						2-3 sec..					
DISPLAY						Back Lite LCD Display					
CALIBRATION				Automatic External				Motorised Internal			
UNITS OF MEASURE				G,mg,ct,GN,mo,oz,dwt,t1T,t1H,t1S,t1S,mom,Bat,MS							
TARE RANGE						Full					
OPERATING TEMP.						15° C to 40° C					
HOUSING DIM.(WxDxH)					342mm x 212mm x 271mm						210 x 300 x 145mm 4.1 kg / 9.5 lb
WEIGHT APPROX						5.2kg/ 10.5lb					
POWER SUPPLY						A/C Adapter 100 V-300 V +/- 20% 50-60 Hz					

Additional equipment:

PRINTER CPR 02	UNDER WEIGHING HOOK
DENSITY DETERMINATION KIT	WEIGHTRACK COMPUTER SOFTWARE
PC KEYBOARD	CALIBRATION WEIGHT E2, F1, F2, M1 (NABL, NPL, RRSL, STANDARD)
ADDITIONAL LCD DISPLAY	VIBROSORB-ANTI VIBRATION TABLE



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