Analytical Balance CY-C Series

aczet

PRINT FORMATS

22-Mar-12 Aczet	11:13AM
Model Ser. no. Ver. no. ID	CY 224C 9021107 r0.1.04 1234567
Calibration:	Internal
W-ID . Temperature Set Diff.	29.378'C + 200.0000g -0.0031g
Internal Cal	Done 0.0000g
22-Mar-12 Name :	11:13AM

Application:

- Weighing
- Net / Total
- Check Weighing
- Weight accumulation
- Parts counting
- Animal Weighing
- Dynamic Weighing
- Density determination
- Below balance weighing



Perfect Self Auto Calibration

When the ambient temperature changes by a specific value or once a defined time interval has elapsed, it performs Internal Calibration

Brilliant readability

High-contrast, backlit display is exceptionally easy to read under any room lighting conditions.





GLP

Built-in clock make all your documents ISO / GLP / USP compliance.



Che

IDNR Facility to input IDNR number



for individual readings.



RS 232C / USB (Optional)

A bidirectional RS 232C data interface or USB makes communication with PC / Printer easier.









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).





Model CY 304C CY 224C CY 124C CY 64C Capacity 301 gm 220 gm 120 gm 60 gm Readability 0.1 mg 0.1 mg 0.1 mg 0.1 mg Repeatability (sd) 0.2 mg 0.1 mg 0.1 mg 0.1 mg Linearity (+/-) 0.3 mg 0.2 mg 0.2 mg 0.2 mg Pan Size (mm / inch) 900 / 3.5"Ø Response Time 2 - 3 Sec. Display Alpha Numeric Backlite LCD Display Calibration Motorised Internal Calibration Units of measure g, mg, ct, GN, mo, oz, dwt etc. Rate Range Full Operating Temp. 15°C to 35°C Sensitivity Drift. ± 2ppm (2 x 10° ° °C) Protection User Administration & Password Protection Minimum Sample Wt. as per USP Approx 100 to 150mg Minimum Wt. as per (U=1%, sd=2) 8 mg Application Modes PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz	below balance weighing	penomisimemar Calibration.		(coefficient of variation).		
Readability 0.1 mg 0.2 mg 0.	Model	CY 304C	CY 224C	CY 124C	CY 64C	
Repeatability (sd) 0.2 mg 0.1 mg 0.1 mg 0.1 mg 0.1 mg 0.2 mg Pan Size (mm / inch) Response Time 2 - 3 Sec. Display Alpha Numeric Backlite LCD Display Calibration Units of measure Rate Range Operating Temp. Sensitivity Drift. Protection Minimum Sample Wt. as per USP Minimum Wt. as per (U=1%, sd=2) Application Modes PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply APD Compliance Housing Dim. (MXDXH) O.1 mg 0.1 mg 0.2 mg 0.1 mg 0.1 mg 0.1 mg 0.1 mg 0.1 mg 0.2 mg 0.2 mg 0.2 mg 0.	Capacity	301 gm	220 gm	120 gm	60 gm	
Linearity (+/-) 0.3 mg 0.2 mg 0.2 mg 0.2 mg Pan Size (mm / inch) 90∅ / 3.5"∅ Response Time 2 - 3 Sec. Display Alpha Numeric Backlite LCD Display Calibration Motorised Internal Calibration Units of measure g, mg, ct, GN, mo, oz, dwt etc. Rate Range Full Operating Temp. 15°C to 35°C Sensitivity Drift. ± 2ppm (2 x 10° / °C) Protection User Administration & Password Protection Minimum Sample Wt. as per USP Approx 100 to 150mg Minimum Wt. as per (U=1%, sd=2) 8 mg Application Modes PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance ISO, GLP / GMP Compliance Housing Dim. (MxDxH) 340mm x 212mm x 340mm	Readability	0.1 mg	0.1 mg	0.1 mg	0.1 mg	
Pan Size (mm / inch) Response Time 2 - 3 Sec. Display Alpha Numeric Backlite LCD Display Calibration Motorised Internal Calibration Units of measure Rate Range Generating Temp. Sensitivity Drift. Protection Minimum Sample Wt. as per USP Minimum Wt. as per (U=1%, sd=2) Application Modes Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance Housing Dim. (MxDxH) Possponse Time 2 - 3 Sec. Alpha Numeric Backlite LCD Display Antomatric Backlite LCD Display Apploach LCD Display Apploach Sec. 15°C to 35°C Sensitivity Drift. \$\frac{1}{2} \text{ppm} \text{(2 x 10° / °C)} User Administration & Password Protection Approx 100 to 150mg 8 mg PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance Housing Dim. (MxDxH) 340mm x 212mm x 340mm	Repeatability (sd)	0.2 mg	0.1 mg	0.1 mg	0.1 mg	
Response Time 2 - 3 Sec. Display Alpha Numeric Backlite LCD Display Calibration Motorised Internal Calibration Units of measure g, mg, ct, GN, mo, oz, dwt etc. Rate Range Full Operating Temp. 15°C to 35°C Sensitivity Drift. ± 2ppm (2 x 10° / °C) Protection User Administration & Password Protection Minimum Sample Wt. as per USP Approx 100 to 150mg Minimum Wt. as per (U=1%, sd=2) 8 mg Application Modes PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance Housing Dim. (MxDxH) 340mm x 212mm x 340mm	Linearity (+/-)	0.3 mg	0.2 mg	0.2 mg	0.2 mg	
Alpha Numeric Backlite LCD Display Calibration Motorised Internal Calibration Units of measure Rate Range Full Operating Temp. Sensitivity Drift. Protection User Administration & Password Protection Minimum Sample Wt. as per USP Approx 100 to 150mg Minimum Wt. as per (U=1%, sd=2) Application Modes PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance Housing Dim. (MxDxH) Advance Supply Adomm x 212mm x 340mm	Pan Size (mm / inch)	90Ø / 3.5''Ø				
Calibration Motorised Internal Calibration Units of measure g, mg, ct, GN, mo, oz, dwt etc. Rate Range Full Operating Temp. 15°C to 35°C Sensitivity Drift. ± 2ppm (2 x 10° / °C) Protection User Administration & Password Protection Minimum Sample Wt. as per USP Approx 100 to 150mg Minimum Wt. as per (U=1%, sd=2) Application Modes PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance Housing Dim. (MxDxH) 340mm x 212mm x 340mm	Response Time	2 - 3 Sec.				
Units of measure Rate Range Gerating Temp. Sensitivity Drift. Protection Minimum Sample Wt. as per USP Minimum Wt. as per (U=1%, sd=2) Application Modes PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply Compliance Housing Dim. (MxDxH) By Rull Gerating Automax 212mm x 340mm Full Full Strain Full Strain Strain Full Strain Strain Full Strain	Display	Alpha Numeric Backlite LCD Display				
Rate Range Operating Temp. 15°C to 35°C Sensitivity Drift. ± 2ppm (2 x 10° / °C) Protection User Administration & Password Protection Minimum Sample Wt. as per USP Approx 100 to 150mg Minimum Wt. as per (U=1%, sd=2) Application Modes PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance Housing Dim. (MxDxH) 340mm x 212mm x 340mm	Calibration	Motorised Internal Calibration				
Operating Temp. Sensitivity Drift. Protection User Administration & Password Protection Minimum Sample Wt. as per USP Approx 100 to 150mg Minimum Wt. as per (U=1%, sd=2) Application Modes PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance Housing Dim. (MxDxH) 15°C to 35°C 2x 10° / °C) By Ressword Protection Approx 100 to 150mg Approx 100 to 150mg A mg Automatic Density, Determination. So, GLP / GMP Compliance	Units of measure	g, mg, ct, GN, mo, oz, dwt etc.				
Sensitivity Drift. ± 2ppm (2 x 10° / °C) Protection User Administration & Password Protection Minimum Sample Wt. as per USP Approx 100 to 150mg Minimum Wt. as per (U=1%, sd=2) 8 mg Application Modes PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance ISO, GLP / GMP Compliance Housing Dim. (MxDxH) 340mm x 212mm x 340mm	Rate Range	Full				
Protection Minimum Sample Wt. as per USP Approx 100 to 150mg Minimum Wt. as per (U=1%, sd=2) Application Modes PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance Housing Dim. (MxDxH) User Administration & Password Protection Approx 100 to 150mg 8 mg PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. ISO, GLP / GMP Compliance	Operating Temp.	15°C to 35°C				
Minimum Sample Wt. as per USP Approx 100 to 150mg 8 mg Application Modes PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance ISO, GLP / GMP Compliance Housing Dim. (MxDxH) 340mm x 212mm x 340mm	Sensitivity Drift.	± 2ppm (2 x 10 ⁻⁶ / °C)				
Minimum Wt. as per (U=1%, sd=2) Application Modes PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance ISO, GLP / GMP Compliance Housing Dim. (MxDxH) 340mm x 212mm x 340mm	Protection	User Administration & Password Protection				
Application Modes PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing Automatic Density, Determination. Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance ISO, GLP / GMP Compliance Housing Dim. (MxDxH) 340mm x 212mm x 340mm	Minimum Sample Wt. as per USP	Approx 100 to 150mg				
Automatic Density, Determination. Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance ISO, GLP / GMP Compliance Housing Dim. (MxDxH) 340mm x 212mm x 340mm	Minimum Wt. as per (U=1%, sd=2)	8 mg				
Power Supply A/C Adaptor 230V or 115V / +/-20% 50-60Hz Compliance ISO, GLP / GMP Compliance Housing Dim. (MxDxH) 340mm x 212mm x 340mm	Application Modes	PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing				
Compliance ISO, GLP / GMP Compliance Housing Dim. (MxDxH) 340mm x 212mm x 340mm		Automatic Density, Determination.				
Housing Dim. (MxDxH) 340mm x 212mm x 340mm	Power Supply	A/C Adaptor 230V or 115V / +/-20% 50-60Hz				
	Compliance	ISO, GLP / GMP Compliance				
Weight Approx 9.3 kg / 20 lb	Housing Dim. (MxDxH)	340mm x 212mm x 340mm				
	Weight Approx	9.3 kg / 20 lb				

Specification are subject to change without prior notice.
Images shown are for illustrations purpose only.

Analytical Balance CY Series

acze

PRINT FORMATS

Application:

- Weighing
- Net / Total
- Check Weighing
- Weight accumulation
- Parts counting
- Animal Weighing
- Dynamic Weighing
- Density determination
- Below balance weighing



Overload Protection

Capacity tracker built into display for easily monitoring possible overloads.

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.

Brilliant readability

High-contrast, backlit display is exceptionally easy to read under any room lighting conditions.



GLP

Built-in clock make all your documents ISO / GLP / USP compliance.



IDNR

Facility to input IDNR number for individual readings.



RS 232C / USB (Optional)

A bidirectional RS 232C data



interface or USB makes communication with PC / Printer easier.



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 (standar deviation) and C (coefficient of variation).







rd V	Stat

Model	CY 224	CY 124	CY 64	
Capacity	220 gm	120 gm	60 gm	
Readability	0.1 mg	0.1 mg	0.1 mg	
Repeatability (sd)	0.1 mg	0.1 mg	0.1 mg	
Linearity (+/-)	0.2 mg	0.2 mg	0.2 mg	
Pan Size (mm / inch)	90Ø / 3.5''Ø			
Response Time	2 - 3 Sec.			
Display	Alpha Numeric LCD Display			
Calibration	Automatic External Calibration			
Units of measure	g, mg, ct, GN, mo, oz, dwt etc.			
Tare Range	Full			
Operating Temp.	15° to 35°C			
Sensitivity Drift.	± 2ppm (2 x 10 ⁻⁶ / °C)			
Protection	User Administration & Password Protection			
Minimum Sample Wt. as per USP	Approx 100 to 150mg			
Minimum Wt. as per (U=1%, sd=2)	8 mg			
Application Modes	PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing			
	Automatic Density, Determination.			
Power Supply	A/C Adaptor 230V or 115V / +/-20% 50-60Hz			
Compliance	ISO, GLP / GMP Compliance			
Housing Dim. (MxDxH)	340mm x 212mm x 340mm			
Weight Approx	9.3 kg / 20 lb			

Specification are subject to change without prior notice.





