

# Top Loading Precision Balance

## CY Series



# aczel

### PRINT FORMATS

24-Mar-2012	11:22AM
Aczet	
Model	CY 3102
Ser. no.	9021161
Ver. no.	r0.0.04
ID	1234567
LID	7654321
nRef	50pcs
Nref	40.00 g
+	50 pcs
+	1999.97 g
+	9999.85 ct
+	50 pcs
24-Mar-12	11:23AM
Name:	.....



22-Mar-12	11:13AM
Aczet	
Model	CY 3102
Ser. no.	9021161
Ver. no.	r0.1.04
ID	1234567
Calibration:	External
W-ID	.....
Temperature	29.378°C
Set	+ 2000.00g
Diff.	-0.31g
Internal Cal Done	
Diff.	0.00g
22-Mar-12	11:13AM
Name :	.....

### Application :

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

### Display

Bright Backlit LCD display with 15mm height.

### Perfect Self Auto Calibration (In balance with suffix "C")

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

### Fast results

Latest powerful microprocessor, shortens response time just 3sec.

### GLP

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

### IDNR

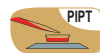
Facility to input IDNR number r individual readings.

### Winning technology

monotech technology, which ensures long-term high accuracy.

### 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).



Model	CY 1202	CY 2202	CY 3102	CY 4102	CY 6102	CY 3101	CY 4101	CY 6101	CY 8101
Capacity	1200 gm	2200 gm	3100 gm	4100 gm	6100 gm	3100 gm	4100 gm	6100 gm	8100 gm
Readability	0.01 gm	0.01 gm	0.01 gm	0.01 gm	0.01 gm	0.1 gm	0.1 gm	0.1 gm	0.1 gm
Repeatability (sd)	0.01 gm	0.01 gm	0.01 gm	0.01 gm	0.01 gm	0.1 gm	0.1 gm	0.1 gm	0.1 gm
Linearity (+/-)	0.02 gm	0.02 gm	0.02 gm	0.02 gm	0.03 gm	0.2 gm	0.2 gm	0.3 gm	0.3 gm
Pan Size (mm / inch)	198 x 205 / 7.8" x 8.0"								
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 <sup>-6</sup> / °C)								
Minimum Sample Wt. as per USP	Approx 10 to 30gm								
Minimum Wt. as per (U=1%, sd=2)	22 gm								
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)	342.5 x 212 x 89.5								
Weight Approx	5.5 kg								

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

WORLDWIDEMARKETING

ACZET INC, USA

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Ver. no.	r0.1.04
ID	1234567
Calibration:	Internal
W-ID	.....
Temperature	29.378°C
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### Application :

- Weighing
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- Percentage Weighing
- Weight accumulation
- Parts counting
- Animal Weighing
- Dynamic Weighing
- Density determination
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### Display

Bright Backlit LCD display with 15mm height.

### Perfect Self Auto Calibration (In balance with suffix "C")

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

### Brilliant readability

Bright backlit display with 15mm digits.

### 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 (standard deviation) and CV (coefficient of variation).



Model	CY 1202C	CY 2202C	CY 3102C	CY 4102C	CY 6102C	CY 3101C	CY 4101C	CY 6101C	CY 8101C
Capacity	1200 gm	2200 gm	3100 gm	4100 gm	6100 gm	3100 gm	4100 gm	6100 gm	8100 gm
Readability	0.01 gm	0.01 gm	0.01 gm	0.01 gm	0.01 gm	0.1 gm	0.1 gm	0.1 gm	0.1 gm
Repeatability (sd)	0.01 gm	0.01 gm	0.01 gm	0.01 gm	0.01 gm	0.1 gm	0.1 gm	0.1 gm	0.1 gm
Linearity (+/-)	0.02 gm	0.02 gm	0.02 gm	0.02 gm	0.03 gm	0.2 gm	0.2 gm	0.3 gm	0.3 gm
Pan Size (mm / inch)	198 x 205 / 7.8" x 8.0"								
Response Time	2 - 3 Sec.								
Display	Alpha Numeric LCD Display								
Calibration	Motorised Internal Calibration & 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 <sup>-6</sup> / °C)								
Minimum Sample Wt. as per USP	Approx 10 to 30gm								
Minimum Wt. as per (U=1%, sd=2)	22 gm								
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)	342.5 x 212 x 89.5								
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## ACZET INC, USA

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