

# PRECISION BALANCES (CA Series)

0.01g to 5000g

**CONTECH** Precision Balances incorporate advanced Electro Magnetic Force Compensation (EMFC) technology for offering unmatched accuracy and reliability, coupled with unique ADC circuit with inbuilt temperature compensation to offer a very high stability upto a resolution of 6 million counts. All adjustment parameters are programmable to take care of any minor mismatch of different sub assemblies & Balances are configured with these parameters.

## Standard Features

### Display

Customized, large, attractive LCD with multiparameter display illuminated by white backlite.

### Bi directional RS 232 interface

RS 232 port with selectable baud rate 4800,9600. Various interface formats adopting this Balance in a setup to replace any other leading international brand Balance. Can be configured for an USB interface using optional RS 232 to USB converter.

### GSM function

GSM function for paper & cloth quality checking.

### Multiple Weighing Units

Grams, Ounces, Troy Ounces, Carats, Mommies, Pennyweights, Grains, tola, Mesghal, Chinese taels.

### Percentage Weighing

Display of Reference weight, sample weight, % of sample with respect to reference weight

### Piece Counting

Parts calibration using preset quantity of samples or programmable quantity. Automatic count correction for precise calibration.

### Fill Mode

1 set point - Indication when sample weight exceeds the set limit.

2 set points - Indication when the sample weight is between the lower & upper limits.

### Accumulation

Storage of maximum 200 samples.

### Multiple Printing Mode

0,1,2,3 modes for various formats.Pause in case data storage capacity in a Printer is less.

### External Calibration

Using preset weights. Known weights can be corrected to  $\pm 15$  counts.

### Response Time:

User selectable - Slow / Normal /Fast.

### Stability Band Width

Stability indicator appears on display with counts variation  $\pm 1, \pm 2, \pm 3, \pm 4$ .

### Auto Zero Tracking

User selectable 0,1,2,3

### Return to Zero Tracking

Variable: 0,1,2,3,4

### Display Updation

Speed setting : Fast / Normal.

### Precision Balances with pan size 165 x 175 in mm

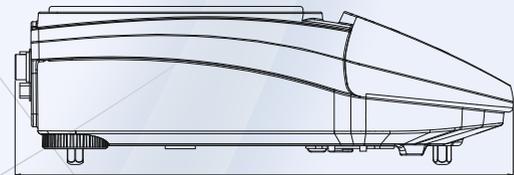
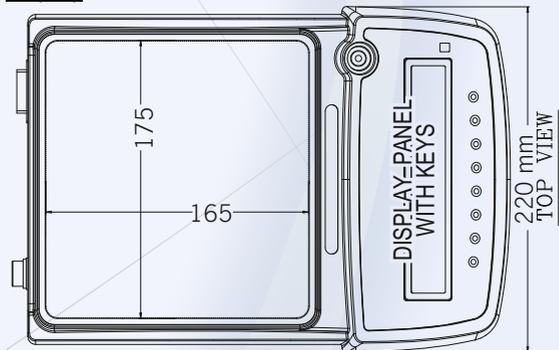
Models	CA-2202	CA-3102	CA-4102	CA-5002
Capacity	2200g	3100g	4100g	5000g
Readability	0.01g	0.01g	0.01g	0.01g
Repeatability ( $\pm$ )	0.02g	0.02g	0.02g	0.02g
Linearity ( $\pm$ )	0.02g	0.02g	0.03g	0.03g
Pan Size(mm)	165x175	165x175	165x175	165x175

All Specifications and designs are subject to change for improvement.

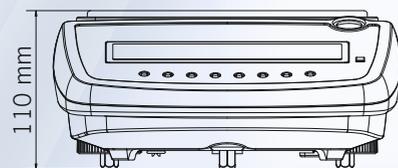


Bright vacuum fluorescent display

Customized LCD display



315  
L.H. SIDE VIEW



110 mm  
FRONT VIEW

## Optional Features (Extra charges applicable)

- ◆ RS 232 to USB interface converter.
- ◆ ISO GLP compliance/RTC.
- ◆ Weigh below hook for density determination.
- ◆ Vacuum fluorescent display (VFD).
- ◆ Breeze shield.
- ◆ Standard weights / weight box.

## Specifications :

Taring Range : Up to full capacity

Response time : 2-3 seconds

Power Req : 90-250V, 50/60Hz, 10 Watt

Operating Temperature : 10~45 deg C

Dimension (mm) : 315(L) x 220 (W) x 110(H)



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## FACTORY / NABL LAB



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## Impeccable Credentials

