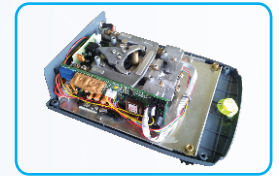


## PRECISION BALANCES (without motorized internal calibration)

0.01g to 1200g

**CONTECH** High 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.



Advanced EMFC Transducer

### Standard Features

#### Backlite LCD 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

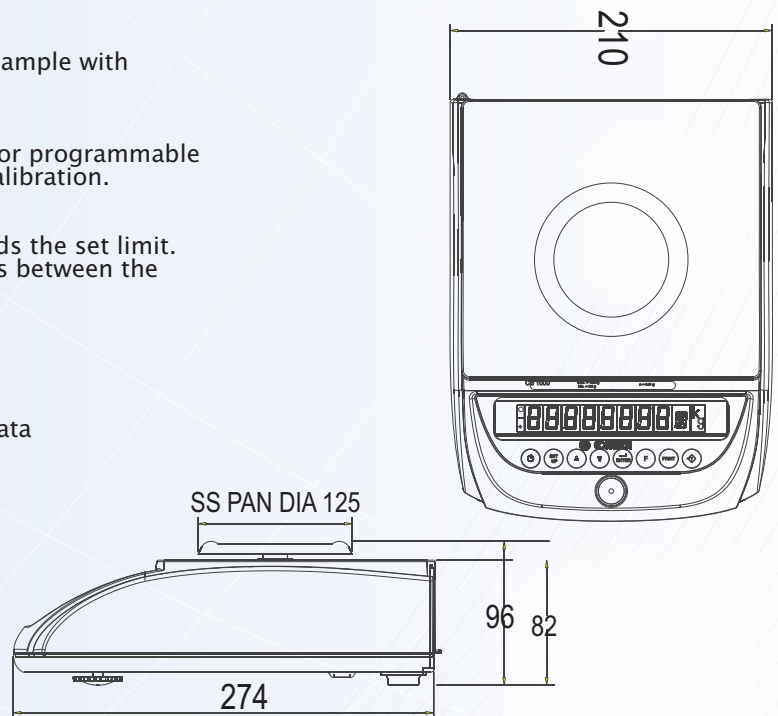
Variable: 0,1,2,3,4

#### Display Updation

Speed setting : Fast / Normal.



0.01g-1200g



Models	CBB-600	CBB-1000	CA-1202	CBB-360D	CBB-600D	CBB-603D	CBB-1000D
Capacity	600g	1000g	1200g	60/300g	300/600g	100/600g	500/1000g
Readability	0.01g	0.01g	0.01g	0.001/0.01g	0.005/0.01g	0.001/0.01g	0.005/0.01g
Repeatability ( $\pm$ )	0.01g	0.01g	0.01g	0.001/0.01g	0.005/0.01g	0.002/0.01g	0.01/0.02g
Linearity ( $\pm$ )	0.01g	0.02g	0.02g	0.002/0.02g	0.005/0.02g	0.002/0.02g	0.01/0.02g
Pan Size(mm)	125	125	150	100	125	100	125

### Optional Features

- ♦ RS 232 to USB interface converter.
- ♦ ISO GLP compliance.
- ♦ Real time clock (RTC).
- ♦ Density determination kit.
- ♦ Weigh below hook for density determination.
- ♦ Yarn count with temperature compensation.
- ♦ Denier measurement for silk & synthetic yarn.
- ♦ Cocoon assessment with statistical analysis for cocoons.
- ♦ Software for SQC (Statistical Quality Control) for Pharmaceutical Industries.
- ♦ Vacuum fluorescent display (VFD).

### Specifications :

Taring Range : Up to full capacity  
Response time : 3-5 seconds  
Power Req : 90-250V, 50/60Hz, 10 Watt  
Operating Temperature : 10 to 45 deg C

All Specifications and designs are subject to change for improvement.