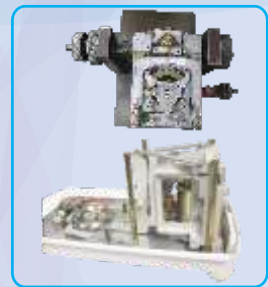


CONTECH High Precision Balances incorporate advanced Electro Magnetic Force Compensation technology for offering unmatched accuracy and reliability coupled with unique ADC circuit with inbuilt temperature compensation to offer a very high stability upto a resolution of 2 million counts. All adjustment parameters are programmable to take care of any minor mismatch of different sub assemblies & Balances are configured with these parameters.



Advanced EMFC Transducers

SEMI MICRO / ANALYTICAL BALANCES

0.00001g to 230g

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 2400, 4800
Various interface formats adopting this Balance in a setup to replace any other leading international brand Balance.

GSM function

GSM function for paper & cloth quality checking.

Multiple Weighing Units

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

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 ± 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

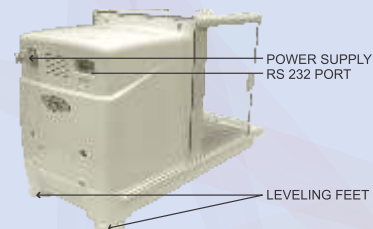
Variable: 0,1,2,3,4

Display Updation

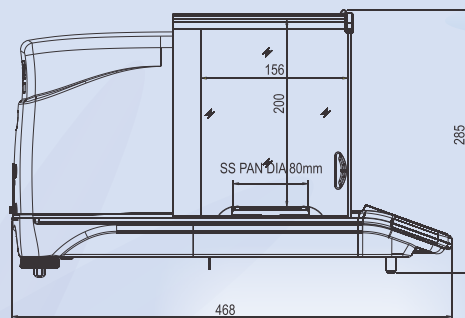
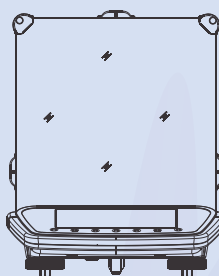
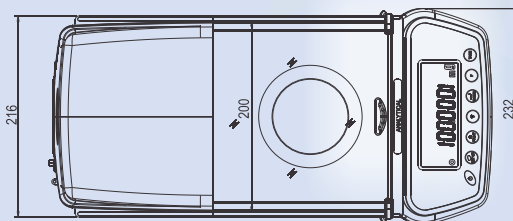
Speed setting : Fast / Normal.

Optional Features

- Motorized internal calibration.
- ISO GLP compliance.
- Real time clock (RTC).
- Density determination kit.
- Software for weigh below hook for density determination.
- Software for Yarn count with temperature compensation.
- Software for Denier measurement for silk & synthetic yarn.
- Software for Cocoon assessment with statistical analysis for cocoons.
- Software for SQC (Statistical Quality Control) for Pharmaceutical Industries.



Customized, large, attractive LCD with Multiparameter display illuminated by white backlite



Models	CA-224D	CA-234	CA-164
Capacity	30/220g	230g	160g
Readability	0.00001g/0.0001g	0.0001g	0.0001g
Repeatability (+/-)	0.03/0.2 mg	0.2 mg	0.2 mg
Linearity (+/-)	0.04/0.4 mg	0.4 mg	0.3 mg
Pan Size (mm)	80	80	80

Specifications for all Laboratory Balances

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

Models	CA - 34	CA-64	CA-124
Capacity	30g	60g	120g
Readability	0.0001g	0.0001g	0.0001g
Repeatability (+/-)	0.1 mg	0.1 mg	0.2 mg
Linearity (+/-)	0.2 mg	0.2 mg	0.3 mg
Pan Size (mm)	80	80	80

The balance is supplied with Breeze shield as standard.

