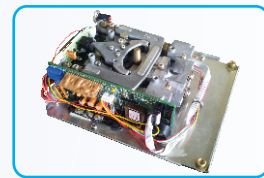


ANALYTICAL (Direct Loading) BALANCES

0.0001g to 220g

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
334 mm

Standard Features

Backlite LCD Display

Customized, large, attractive LCD with multi-parameter 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, Mommes, 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 ± 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

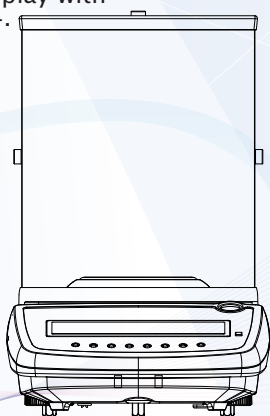
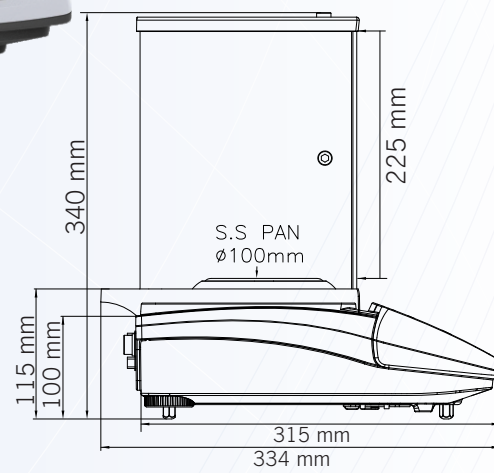
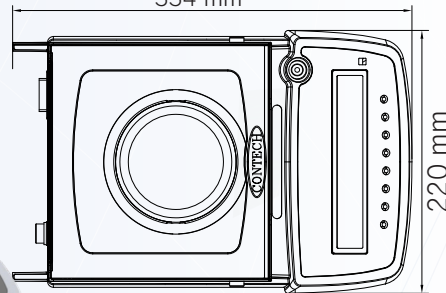
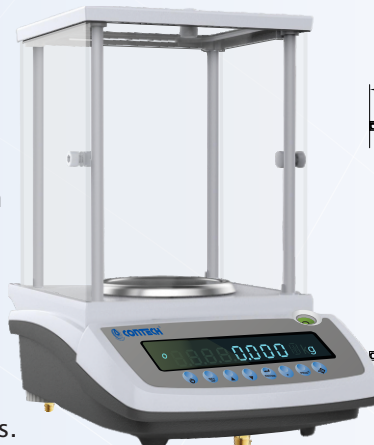
User selectable 0,1,2,3

Return to Zero Tracking

Variable: 0,1,2,3,4

Display Updation

Speed setting : Fast / Normal.



Direct Loading Analytical Balances without motorized internal calibration

Models	CAC - 34	CAC-64	CAC-124	CAC-224
Capacity	30g	60g	120g	220g
Readability	0.0001g	0.0001g	0.0001g	0.0001g
Repeatability (+)	0.2mg	0.2mg	0.3mg	0.3mg
Linearity (+)	0.3mg	0.3mg	0.4mg	0.4mg
Pan Size(mm)	100	100	100	100

The balance is supplied with Breeze shield as standard.

Direct Loading Analytical Balances with motorized internal calibration

Models	CAI - 34	CAI-64	CAI-124	CAI-224
Capacity	30g	60g	120g	220g
Readability	0.0001g	0.0001g	0.0001g	0.0001g
Repeatability (+)	0.2mg	0.2mg	0.3mg	0.3mg
Linearity (+)	0.3mg	0.3mg	0.4mg	0.4mg
Pan Size(mm)	100	100	100	100

The balance is supplied with Breeze shield & Internal motorized calibration as standard.

High Precision Balances with motorized internal calibration

Models	CAI-123	CAI-223	CAI-323	CAI-413	CAI-503	CAI-603	CAI-803	CAI-1003
Capacity	120g	220g	320g	410g	500g	600g	800g	1000g
Readability	0.001g	0.001g	0.001g	0.001g	0.001g	0.001g	0.001g	0.001g
Repeatability(+)	0.001g	0.001g	0.001g	0.001g	0.002g	0.002g	0.002g	0.002g
Linearity(+)	0.001g	0.002g	0.002g	0.002g	0.002g	0.003g	0.004g	0.004g
Pan Size(mm)	100	100	100	100	100	100	100	100

The balance is supplied with Breeze shield & Internal motorized calibration as standard.

Optional Features

- ♦ Motorized internal calibration.
- ♦ 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.