

PRECISION BALANCES (CAH 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 ± 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

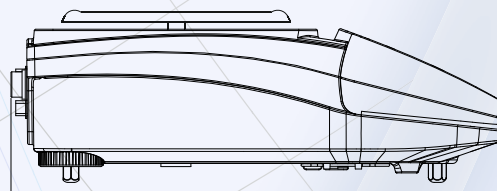
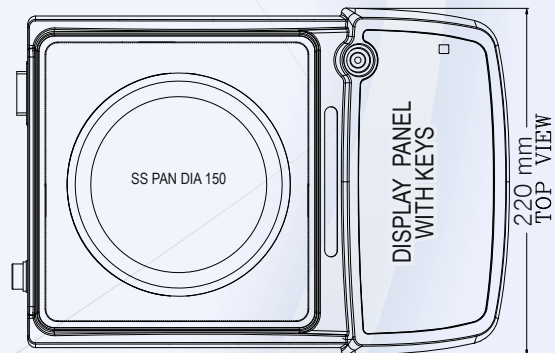
Display Updation

Speed setting : Fast / Normal.

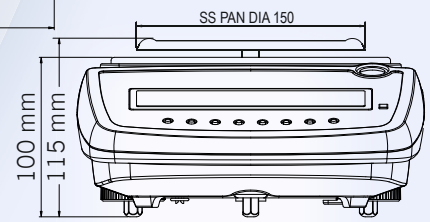


Bright vacuum fluorescent display

Customized LCD display



315 L.H. SIDE VIEW



FRONT VIEW

Optional Features (Extra charges applicable)

- 5" Touch screen graphic display.
- 21CFR Part 11 compliance (Optional only with TFT display)
- Motorized internal calibration.
- RS 232 to USB interface converter.
- 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 115(H)

All Specifications and designs are subject to change for improvement.

Precision Balances with pan size 150 mm

Models	CAH-2202	CAH-3102	CAH-4102	CAH-5002
Capacity	2200g	3100g	4100g	5000g
Readability	0.01g	0.01g	0.01g	0.01g
Repeatability (±)	0.02g	0.02g	0.02g	0.02g
Linearity (±)	0.02g	0.02g	0.03g	0.03g
Pan Size(mm)	150	150	150	150



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Where innovation never stops.....

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Impeccable Credentials

