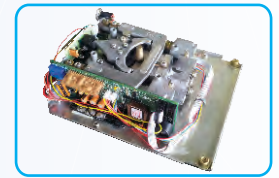# INDUSTRIAL PRECISION BALANCES
0.1g to 10kg

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, 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 ± 1, ± 2, ±3, ± 4.

Auto Zero Tracking
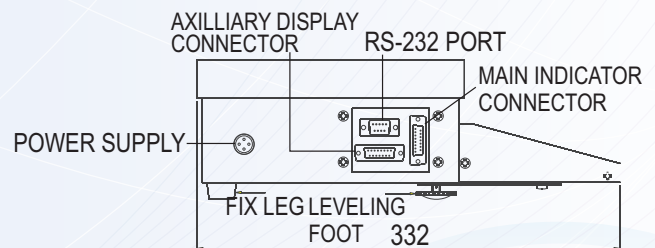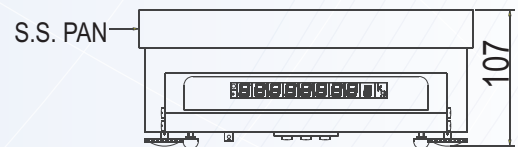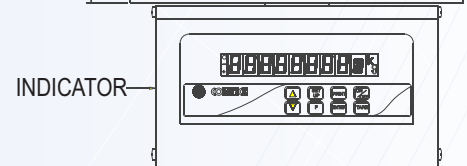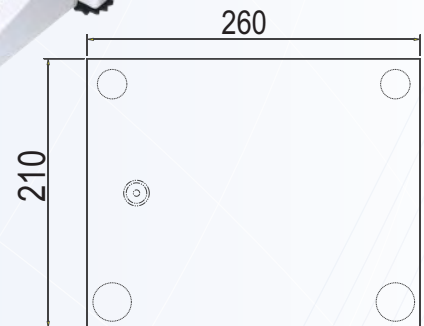User selectable 0,1,2,3

Return to Zero Tracking
Variable: 0,1,2,3,4

Display Updation
Speed setting : Fast / Normal.

Optional Features
- RS 232 to USB interface converter.
- ISO GLP compliance.
- Real time clock (RTC).
- Weigh below hook for density determination.
- Software for SQC (Statistical Quality Control) for Pharmaceutical Industries.
- Vacuum fluorescent display (VFD).

260

210

INDICATOR

S.S. PAN

107

AXILLIARY DISPLAY CONNECTOR

RS-232 PORT

MAIN INDICATOR CONNECTOR

POWER SUPPLY

FIX LEG LEVELING FOOT   332

Models	CBI-6001	CBI-8001
Capacity	6000g	8000g
Readability	0.1g	0.1g
Repeatability (+/-)	0.2g	0.2 g
Linearity (+/-)	0.3g	0.3 g
Pan Size(mm)	210x260	210x260

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.