

## SEMI MICRO / ANALYTICAL BALANCES with Density Attachment

0.00001g to 350g

**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.



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



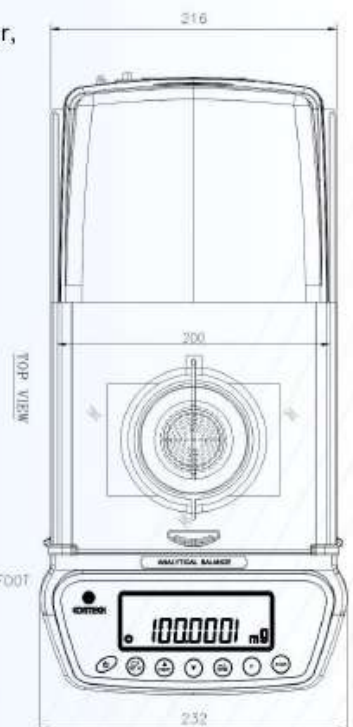
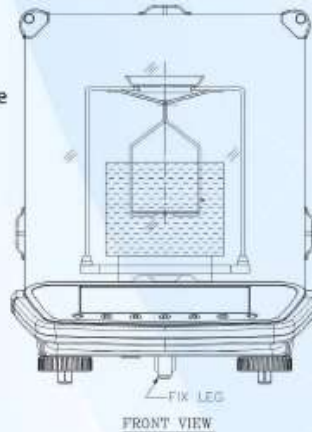
Advanced EMFC Transducer



- Density Determination Kit is available in 2 types one to be mounted on the pan and the other type is with attachment for weigh below the balance. Density Determination Kit consists density weighing pan assembly, stainless steel base for beaker, glass beaker, optional sinker for testing materials having density less than water and software (program) for density determination.
- Facility for programming density of liquid (other than water) and temperature of water.
- Incase of multiple samples, storage of all the sample weights in air first and then in water, viewing of density of individual samples one by one on the display.
- Determination of density of liquid samples (Optional).
- Determination of air release value for oil samples (Optional).

### Standard Features

Backlite LCD Display  
Bi directional RS 232 interface  
GSM function  
Multiple Weighing Units  
Percentage Weighing  
Piece Counting  
Fill Mode  
Accumulation  
Multiple Printing Mode  
External Calibration  
Response Time  
Stability Band Width  
Auto Zero Tracking  
Return to Zero Tracking  
Display Updation  
Check Weighing System  
Dynamic Weighing  
Formulations  
Density  
Totalization  
Display Hold Function  
Built In Overload Function  
Internal Calibration  
Quality standard as per OIML



### Indirect Loading Analytical / Semi Micro Balances with motorized internal calibration

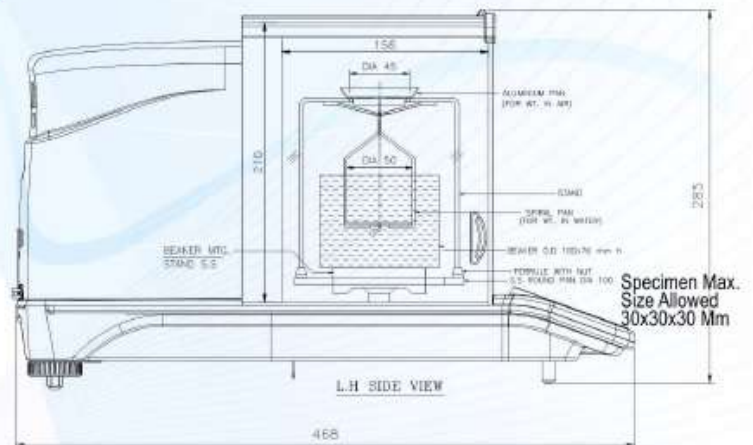
Models	CAI-234
Capacity	230g
Readability	0.0001g
Repeatability (±)	0.2mg
Linearity (±)	0.4mg
Pan Size(mm)	100

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

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

### Optional Features

- Motorized internal calibration.
  - RS 232 to USB interface converter.
  - ISO GLP compliance.
  - Real time clock (RTC).
  - Weigh below hook for density determination.
- Sensitivity temperature drift: 2 ppm



All Specifications and designs are subject to change for improvement.

