

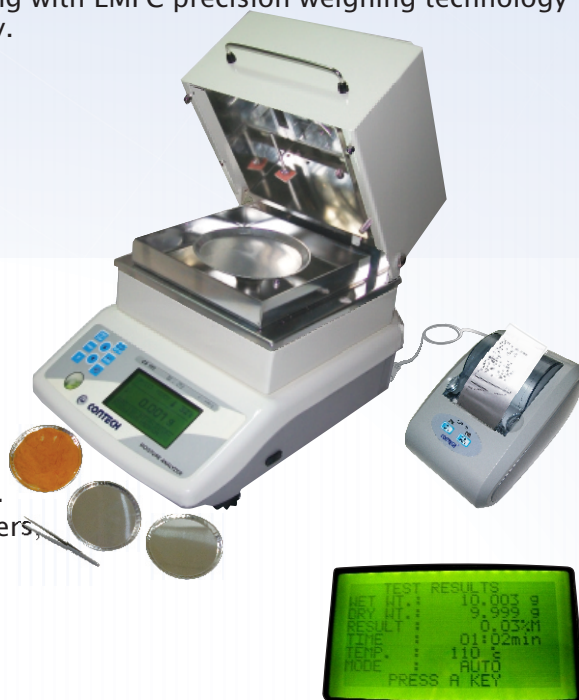
MOISTURE BALANCES

0.001g to 220g

CONTECH Moisture Balances incorporate rapid Halogen heating with EMFC precision weighing technology to determine moisture content of sample quickly & effectively.

Features :

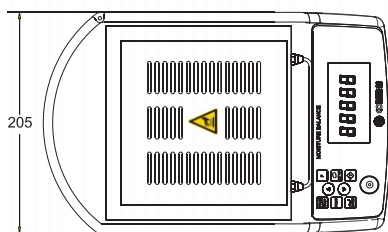
- ♦ Easy & Fast Moisture Determination.
- ♦ 3 types of Testing Methods:- Manual, Time Programmable, Automatic.
- ♦ Weighing based on EMFC technique
- ♦ Heating by infrared halogen tube heater.
- ♦ Temperature range upto 200°C (1°C).
- ♦ Moisture range : 0.1% to 100%
- ♦ Moisture measurement : Unit- % wet base
% dry base
dry weight
% dry to wet weight
- ♦ Display of time, temperature, weight & percentage moisture.
- ♦ Graphical Backlite LCD for displaying weight, setup parameters, testing parameters & results.
- ♦ RS 232 interface for connecting to a computer / printer.
- ♦ Data storage upto 50 tests.
- ♦ 10 programmable memory.
- ♦ Time based moisture loss on the graphical display.
- ♦ Study of pattern of moisture loss by printing/display on computer screen of online data - elapsed time, present sample weight and percentage moisture loss. Elapsed time Interval can be programmed - 10,20,30,60 & 120 seconds.



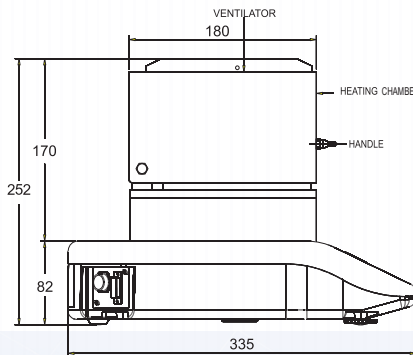
EL. TIME min.	WEIGHT g	MOISTURE %
00:00	5.151 g	0.00 %
00:10	5.148 g	0.05 %
00:20	5.147 g	0.07 %
00:30	5.143 g	0.15 %
00:40	5.140 g	0.21 %
00:51	5.140 g	0.21 %
01:00	5.140 g	0.21 %
01:10	5.140 g	0.21 %
01:20	5.140 g	0.21 %
01:30	5.139 g	0.23 %

CONTECH MOISTURE BALANCE
 MODEL : CB-50
 S.No. : 9999999
 M/C ID. : 19/03/11 14:02:03
 SAMPLE :
 TEST MODE : AUTO
 TEST UNIT : % MOIST
 TEMPERATURE: 100 DEG C
 INITIAL WT. : 5.151 g
 FINAL WT. : 5.140 g
 TOTAL TIME : 01:40min
 END RESULT : 0.21 %
 REMARKS :

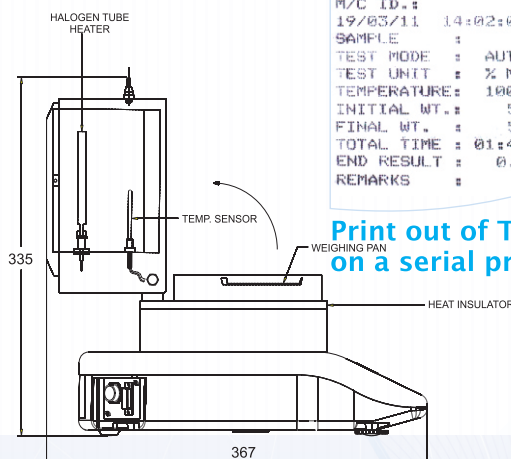
Print out of Test results on a serial printer



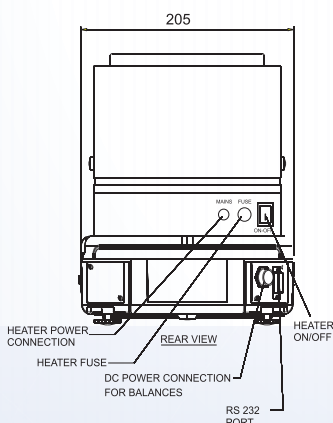
TOP VIEW



SIDE VIEW (HEATING CHAMBER CLOSED POSITION)



SIDE VIEW (HEATING CHAMBER OPEN POSITION)



REAR VIEW

Specifications

Moisture Content :

- Accuracy : 0.1% for sample above 5g
 (std. dev.) 0.5% for sample below 5g
 Resolution : 0.1%

Taring Range : Up to full capacity

Power Req : 90-250V, 50/60Hz, 550 Watt

Operating Temperature : 15 to 45 deg C

Models	CAH-53 (M)	CAH-123(M)	CAH-223(M)
Capacity	50g	120g	220g
Readability	0.001g	0.001g	0.001g
Pan Size	115 mm	115mm	115mm

All Specifications and designs are subject to change for improvement.

