

Calculator Based Laboratory (CBL)
Instructions for Humidity

Equipment Needed:

TI-83 Plus Calculator
AC Adapter
TI CBL System
Input/Output Cable
CBL-DIN Adapter
Humidity Sensor

Basic Setup and Use:

- Plug the black link cable into the link port on the bottom of the CBL and TI graphing calculator.
- Plug the CBL-DIN adapter into Channel 1 of the CBL.
- Connect the sensor to the CBL-DIN adaptor.

RELATIVE HUMIDITY: Important**Do not point at direct light**

Turn on CBL unit and the calculator.

Press APPS

Press the calculator key for the number that precedes CHEMBIO

Press ENTER (this takes you to the MAIN MENU)

Select SET UP PROBES from MAIN MENU.

Select "1" as the number of probes.

Select MORE PROBES.

Select RELATIVE HUMIDITY from the MORE PROBES menu.

Enter "1" as the channel number

Press ENTER

Select USED STORED from the CALIBRATION Menu

Press ENTER

Select COLLECT DATA from the MAIN MENU.

Select SINGLE POINT (number "5") from the DATA COLLECTION menu.

Press ENTER to begin collecting data.

Wait 25 seconds.

Single Point Value is the data in units.

(Results are an average of the past 25 seconds of collected data.)

Instructions Adapted from CBL Made Easy!
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