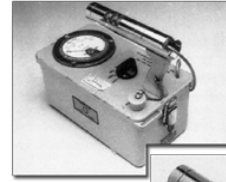


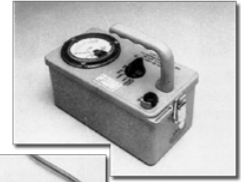
How to Detect Radiation Using A Radiation Survey Meter (model CDV-715)

Radiation cannot be detected by human senses.

Here are a few examples of radiation survey meters:



CD V-700
Radiation
Instrument
(Civil Defense)



CD V-715
Radiation
Instrument



Close-up view of probe from CD V-700
with window open

Using the Radiation Survey Meter (model CDV-715)

1. Get the survey meter and batteries from storage and prepare the instrument for use.

Preparing the Meter:

- a. Position the meter away from you. Locate and open the battery compartment.
- b. Put a "D" size battery in the meter using proper orientation (positive to positive, negative to negative).
- c. Close and latch the battery compartment.
- d. Check the batteries using the "circuit check" switch. The meter needle should move to area on scale marked "circuit check", indicating the battery is good. If the batteries are not good, find a flashlight or other source of D-cells and put them in the meter -- check these batteries also.
- e. Turn the switch to "Zero".
- f. Using the "Zero" knob on the lower left move the needle so that the needle is on zero.

2. Using the meter:

- a. Turn the switch to "X-100" and take your first reading. Remember what ever reading shows by the needle, times it by 100. If you do not get a reading move the switch to "X-10" then to "X-1" or to "X0.1" until you get a reading. Always start high and work to the right or to the lower end.
- b. Write down the reading.
- c. It is usually best to move around your area and get several readings.
- d. Always record the highest reading or the most dangerous area and then go to the safest area or the area with the lowest reading.

3. Ending the radiation survey:

- a. Switch the meter to the "off" position.
- b. Take the battery out.
- c. *If you are in a post nuclear environment such as a post nuclear attack just turn off the meter to conserve the battery and do not take out the battery. You should take readings every hour.*