

INNOVATION IN RADIATION DETECTION



BT BUBBLE ●
Technology Industries
www.bubbletech.ca

RADCOMPASS

DIRECTIONAL RADIATION SURVEY METER

RUGGED

USER-FRIENDLY

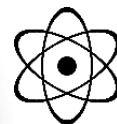
COMPACT



DEFENSE



FIRST RESPONDER



INDUSTRIAL

MISSION READY.

ENABLES RAPID DIRECTIONAL LOCALIZATION.

WIDE DOSE RATE OPERATING RANGE.

WEATHER-RESISTANT ENCLOSURE.

OPTION FOR EXTERNAL POWER AND DATA

OUTPUT USING MINI-USB.





STANDARD FEATURES

THE RADCOMPASS IS A UNIQUE INSTRUMENT, OFFERING A COMPACT, EASY-TO-USE, LOW COST SOLUTION FOR RADIOACTIVE SOURCE LOCALIZATION. THIS DIRECTIONAL SURVEY METER DISPLAYS BOTH GAMMA DOSE RATE AND 360° DIRECTIONAL INFORMATION AND IS AN IDEAL TOOL FOR FIRST RESPONDERS, MILITARY PERSONNEL, AND INDUSTRIAL RADIATION SURVEYORS.

THE RADCOMPASS USES AN ARRAY OF SHIELDED RADIATION SENSORS TO LOCATE RADIOACTIVE SOURCES. THE DESIGN SUPPORTS THE RAPID LOCALIZATION OF RADIOACTIVE SOURCES, EVEN IN HIGH RADIATION FIELDS. THE MULTI-ELEMENT DETECTION SYSTEM PROVIDES CONTINUOUS DIRECTIONAL INFORMATION AND DOES NOT REQUIRE THE USER TO SCAN THE SYSTEM FROM SIDE TO SIDE OR UP AND DOWN IN ORDER TO DETERMINE SOURCE LOCATION. DOSE RATE UNITS CAN BE EASILY TOGGLED TO DISPLAY IN $\mu\text{Sv/h}$ OR mrem/h .

STANDARD TECHNICAL SPECIFICATIONS

SENSOR TYPE	Array of shielded gamma radiation sensors.
DOSE RATE	Linear response, background to 10,000 $\mu\text{Sv/h}$ (1000 mrem/h).
SIZE	7.9 cm high x 7.6 cm diameter (3.1" high x 3" diameter).
WEIGHT	865 grams (1.9 lb).
BATTERY	One user-replaceable, rechargeable 9V lithium polymer battery. Also compatible with common 9V alkaline battery. Run-time >12 hours.
TEMPERATURE RANGE	-20°C to +40°C (-4°F to +104°F)