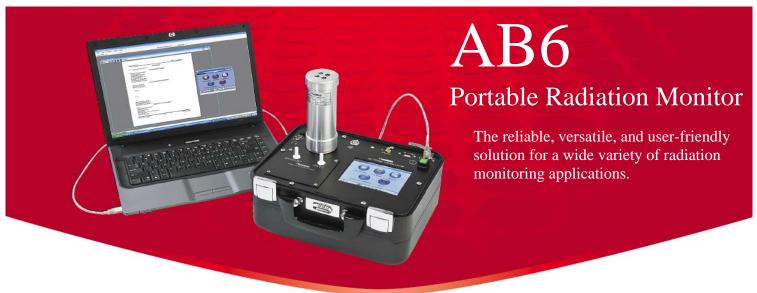
Terraplus





The AB6 Portable Radiation Monitor is the latest generation laboratory-grade instrument for fast, accurate measurement of radon levels.

Every bit as reliable as our previous monitors, it incorporates advanced technology and user-friendly features for enhanced performance and versatility.

Backed by over 30 years of radon and thoron detection and measurement expertise, superior engineering, and world-class customer service, the AB6 provides radon detection you can depend on.

Key Features

Field Readiness Compact, lightweight unit with Customizable Solution Adjustable PMT high voltage rechargeable battery and built in and discriminator settings, photomultiplier tube (PMT) pre-programmed methods and optional internal pump Modular Versatility Multiple detectors interface with internal PMT enabling a variety of **Automated Calculations** For some measurements, measurements eliminates need for manual calculations from raw data LCD Touch Screen Intuitive, efÿcient user interface offers increased visibility and data **User Calibration** Simplified programming and operation saves time and entry options expense of factory calibrations Host and client USB interfaces for USB/Pulse Interfaces fast, efficient data transfers and Safety and Reliability Compact, rugged sampling pulse output port for external data cells ideal for environments logging that require intrinsically safe equipment **Enhanced Compatibility** Includes PC software for

Tel: 905-764-5505 Email: sales@terraplus.ca Fax: 905-764-8093 Website: www.terraplus.ca

measurement, reporting, and remote monitor set-up and operation

Terraplus





Applications

- Continuous Monitoring
- Grab Sampling
- Environmental Studies
- Area Scanning
- Field Surveys
- Uranium Mining/Production/Exploration
- Oil & Gas
- Governments
- Educational Institutions
- Research Facilities ... And More

Technical Specifications

GENERAL

Mode of Operation: Multiple

Sample & Count Periods: User programmable

Maximum Counting Rate: 10,000 cps Electronic Background: < 0.4 cpm

DETECTOR

Detector: Active and passive Lucas

type scintillation cells (sold separately) Available in respective

Detection Specifications: Available in respective detector brochures

POWER

Power Supply Requirements: 12 - 14.7 Vdc 4 A - 110/220

VAC adapter/charger

included

Battery: Integrated 12V gel cell Battery Operating Time: 22 Hrs backlight off,

without pump
5 Hrs backlight on,
without pump

Battery Charge Time: 5 Hrs

FEATURES

Display: 14.5 cm (5.7 in.) colour touchscreen LCD

Memory: 1) 1 GB SD memory card 2) 2 GB USB memory stick

Data Ports: 1) USB host port

2) USB client port 3) 5V TTL pulse via SMA connector

Lid: Removable

PUMP (sold separately and user installable)

Pump Flow Rate: 0 to 2 lpm - User adjustable

ENVIRONMENTAL

Operating Temperature Range: 0 to +40 °C (-32 to +122 °F) Storage Temperature Range: -20 to +60 °C (-4 to +140 °F) Relative Humidity Range: 0 to +60 °C (-4 to +140 °F) 0 to 90 % - Non-condensing

DIMENSIONS

 Width:
 31 cm (12 in.)

 Depth:
 23 cm (9 in.)

 Height:
 20 cm (7.75 in.)

 Weight:
 6 kg (13 lb.)

Values are nominal.

Ordering Information:

Model AB6 Monitor: Order part number 7100000. Model 6100 Optional Pump: Order part number 7100140.

Specifications subject to change without notice.

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