SaphyRAD

Multi-probe contamination monitor

- Embedded alarm & distance control indicator
- Adaptive nuclide library
- Control of small & large areas
- Ergonomic, adapted for use by non-specialists

SAPHYRAD

Contamination monitor for alpha, beta & gamma radiations

SaphyRAD is a multiprobe handheld device used for the detection of alpha, beta and gamma radioactive contaminations. **Its ergonomic interface and ruggedized design** have been specially developed for use in harsh environment by non radiation specialists, in nuclear and NORM (Naturally Occurring Radioactive Material) industries but also in the medical field.

SaphyRAD's **wide range of contamination probes** include an **embedded distance control indicator.** Combined with its specific algorithm, they ensure a very fast and reactive detection. Depending on the probe, the operator can either assess small or large areas, through **direct control or smear test**.

The integrated radionuclide library of the SaphyRAD can be supplemented by the user with other nuclides, for an adapted contamination control depending on the applications. The SaphyRAD is **also compatible with a large range of existing analog monitoring probes**.

External smart probes for contamination measurement

	AB31	AB100	A/B100	AB170	A/B170	A/BG170
Probes						
Surface of detection (cm²)	31	100		170		
Type of detection	• One measurement channel α +βγ		• One measurement channel α • One channel βγ	• One measurement channel α +βγ	• One measurement channel α • One channel βγ	
Use	**Accurate & targeted detection**	**Large areas screening**				

Accessories available: Floor stand (for clearance control), calibration tool (for self-calibration or periodic check up), smear test (for indirect measurement), maintenance software (for settings & firmware upgrade).

Health Physics devices

Discover Bertin Instruments' other products

MINITRACE
CSDF

Versatile multipurpose contamination & survey meter

Technical features

MEASUREMENT MODES
Direct Measurement
Indirect Measurement
Detection
Scaler

ALARM MANAGEMENT
2 configurable thresholds

PROFILE MANAGEMENT
3 configurable profiles

DATA STORAGE
On SD-Card

KEYBOARD
6 large buttons designed for use with gloves

RADIOELEMENTS
20 customizable nuclides

DISPLAY
3.5" color LCD display
Automatic backlight

BATTERIES
Li-Ion 6.8Ah

AUTONOMY
Up to 45 hours

INTERNATIONAL STANDARD
Compliant with IEC60325

DIMENSIONS / WEIGHT
200 x 110 x 50 mm / 650g