SaphyRAD C



Multi-probe contamination monitor

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

bertin instruments

WWW.BERTIN-TECHNOLOGIES.COM



SAPHYRAD C

CONTAMINATION MONITOR FOR ALPHA, BETA & GAMMA RADIATIONS

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

EXTERNAL SMART PROBES FOR CONTAMINATION MEASUREMENT

	AB31	A32	AB100	A/B100	AB170	A/B170	A/BG170
Probes							
Detection area (cm^2)	31	32	100		170		
Detection type	One measurement channel α +βγ	One measurement channel α	One measurement channel α +βγ	One measurement channel α One channel βγ	One measurement channel α +βγ	One measurement channel α One channel βγ	
Utilization	Accurate & targeted detection	α contamination 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



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

Bertin Instruments - May 2023 - Copyrights: Bertin / IStock / T.Leaud

Bertin Technologies S.A.S • Parc d'Activités du Pas du Lac • 10 bis, avenue Ampère, 78180 Montigny Le Bretonneux, France
www.bertin-technologies.com