



SaphyRAD €



Multi-probe contamination monitor

- Embedded alarm & distance control indicator
- User friendly
- Ruggedized design for the nuclear industry



SAPHYRAD E

Contamination monitor for alpha & beta radiations

SaphyRAD is a multiprobe handheld device used for the detection of alpha & beta radioactive contaminations. Its ergonomic interface and ruggedized design have been specially developed to meet the needs of the nuclear industry and for use in harsh environments by non radiation specialists.

SaphyRAD's wide range of contamination probes combined with its specific algorithm allow for a very fast and reactive detection. Depending on the probe, the operator can either assess small or large areas to detect alpha, beta or alpha & beta radioactive contamination. The beta probe for small area detection includes an embedded contamination alarm monitor & proximity sensor for an efficient and fast control. SaphyRAD is also compatible with a large range of existing analog monitoring probes.

External smart probes for contamination measurement

	BCP31	BCP100	ABCP100
Probes			
Type of detection	β	β	α, β
Surface of detection (cm ²)	31	100	100
Use	Accurate & targeted detection	Large areas screening	Large areas screening

Accessories available: Pedestal (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 and survey meter

Nuclear workplace clearance control



Due to its ergonomic probes, the SaphyRAD is adapted to nuclear workplace clearance control. The mobile pedestal allows the installation of mobile checkpoints.



Technical features

MEASUREMENT MODES

Direct Measurement
Indirect Measurement
Detection
Scaler

ALARM MANAGEMENT

2 configurable thresholds

PROFILE MANAGEMENT

3 configurable profiles

KEYBOARD

6 large buttons designed for use with gloves

DISPLAY

3.5" color LCD display
Automatic backlight

DATA STORAGE

On SD-Card

BATTERIES

Li-Ion 6.8Ah

AUTONOMY

Up to 45 hours

INTERNATIONAL STANDARD

Compliant with IEC60325

DIMENSIONS / WEIGHT

200 x 110 x 50 mm / 650g

With the expertise of **SAPHYMO**