



# 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	$\beta$	$\beta$	$\alpha, \beta$
Surface of detection (cm <sup>2</sup> )	31	100	100
Use	<b>Accurate &amp; targeted detection</b>	<b>Large areas screening</b>	<b>Large areas screening</b>

**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).



## 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

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**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.