



SaphyRAD MS Probes

Probes for Hand held Survey Meter SaphyRAD MS



KEY FEATURES

- Wide range of probes compatible with SaphyRAD MS survey meter fitting most CBRN field applications and reducing training requirement
- Hot plug to SaphyRAD MS. Smart probes including calibration data storage and self checking function
- Usable with CBRN protective clothing
- Built in simulation function for training
- Ruggedized probes design to exceed the AECTP series NATO standards

SaphyRAD MS wide range of probes and survey meter, are the ideal association to fit the most important need for field CBRN applications.

The probes which include calibrations parameters and self-testing are hot swappable with SaphyRAD MS.

External probes allows to search with high sensitivity Alpha, Beta or Gamma contamination and gamma source.

The equipment has been specially design for use in harsh environment (meets AECTP 100 to 500 standards)

In addition, the SaphyRAD MS and the alpha, beta probes include an irradiation and contamination simulation function which allows to train realistically the users without using radioactive sources.

GAMMA PROBE GSP145

- **Application:** Source search and contamination detection
- **Mechanical Characteristics:**
 - **Dimensions:** 335 x 84 x 84 mm (L x W x H)
 - **Weight:** 650 g
- **Physical characteristics:**
 - **Detector:** 145 cm³ plastic scintillator + ZnS layer
 - **Sensitivity:** 1000 c/s/μSv/h (¹³⁷Cs)
 - **Energy Range:** 30 keV to 1.5 MeV



BETA PROBE BCP16

- **Application:** Beta contamination detection (direct or on smear)
- **Features a training mode**
- **Mechanical Characteristics:**
 - **Dimensions:** 189 x 130 mm (L x Ø)
 - **Weight:** 390 g
- **Physical characteristics:**
 - **Detector:** 16 cm² Pancake GM
 - **Sensitivity:** 0,15 c/s/Bq (⁶⁰Co)
 - **Energy Range:** Emax > 100keV



ALPHA PROBE ACP123

- **Application:** Alpha contamination detection (direct or on filter)
- **Features a training mode**
- **Mechanical Characteristics:**
 - **Dimensions:** 333 x 149 mm (L x Ø)
 - **Weight:** 720 g
- **Physical characteristics:**
 - **Detector:** ZnS layer on 123 cm² thick plastic
 - **Sensitivity:** 0,23 c/s/Bq (²⁴¹Am)
 - **Energy Range:** 3 to 8 MeV



ALPHA PENCIL PROBE AWCP75

- **Application:** Wound alpha contamination detection
- **Mechanical Characteristics:**
 - **Dimensions:** 194 x 16 mm (L x Ø)
 - **Weight:** 140 g
- **Physical characteristics:**
 - **Detector:** 25mm² active surface CdTe (Alpha emitters detection through X Ray detection from 10 keV to 20 keV)



X RAY PROBE XCP11

- **Application:** X and low energy gamma contamination detection
- **Mechanical Characteristics:**
 - **Dimensions:** 284 x 72 mm (L x Ø)
 - **Weight:** 420 g
- **Physical characteristics:**
 - **Detector:** CsI Ø 38mm, thickness 1 mm
 - **Energy Range:** 10 to 70 keV
 - **Sensitivity at 8,5 cm:** 5c/s/kBq (241Am)



BETA GAMMA PROBE BGSP

- **Application:**
 - Beta/Gamma contamination detection (Without cover)
 - Gamma detection, water tight probe, usable in liquid and explosive ATEX areas (with cover)
- **Mechanical Characteristics:**
 - **Dimensions:** 270 x 53 mm (L x Ø)
 - **Weight:** 570 g
- **Physical characteristics:**
 - **Detector:** Thin cathode GM tube
 - **Sensitivity:** 7 c/s/μGy/h (⁶⁰Co)
 - **Gamma energy Range:** 50 keV to 1.5MeV
 - **Beta energy Range:** Emax > 100keV