



# SaphyRAD MS



## Multi-probe military survey meter

- Wide range of smart probes
- New ergonomic design
- Built-in simulation function for training
- Designed for operation in harsh environment



# SAPHYRAD MS

## Multi probe military survey meter

SaphyRAD MS is the latest multiprobe survey meter designed for operations in harsh environment, to be used on military fields or by hazmat teams.

Its wide range of dose rate meter and external smart probes for source & hot spot search and contamination measurement cover the needs of all army corps.

Through its embedded simulation mode, users can train in real conditions without the use of any radioactive sources.

SaphyRAD MS's ruggedized design has been specially thought for use with CBRN protective clothing. Its easy-to-use interface allows for a quick use even by non radiation specialists.



Technology developed within the framework of a contract with the French defense procurement agency

## Suitcase packages to cover all radiological detection needs

SaphyRAD MS monitor	SaphyRAD MS basic kit	SaphyRAD MS safety kit	SaphyRAD MS emergency kit
SaphyRAD MS monitor incl. 2 embedded Gamma dose rate detectors	SaphyRAD MS Monitor + Beta probe + high sensitivity gamma probe + simulation kit	SaphyRAD MS basic kit + Alpha probe + X-ray probe	SaphyRAD MS basic kit + X-ray probe + Wound probe



**Simulation tools:** This military survey meter includes a simulation kit for training (contamination and gamma dose rate simulation).

## CBRN range

Discover Bertin Instruments' other products:



**Second Sight® MS**  
Standoff chemical gas cloud detection



**Coriolis® COMPACT**  
Portable air sampler for biological agent detection



**GammaTRACER Spider**  
Quick deployment probe for radiation monitoring



## Technical features

### SAPHYRAD MS MONITOR

#### GAMMA MEASUREMENT RANGE

Dose Rate: 0,05 µGy/h to 10 Gy/h

Dose: 1 µGy to 10 Gy

#### ENERGY RANGE

50keV to 3MeV

#### PROTECTION CLASS

IP65

#### AUTONOMY

With Lithium batteries: 34 h

With Alkaline batteries: 22 h

With NiMH rechargeable batteries: 18 h

#### USER INTERFACE

##### SCREEN

3.5" color LCD display (320 x 240 pixels with automatic backlight level)

##### KEYBOARD

6 large buttons designed for use with CBRN clothing

##### ALARM INDICATORS

1 red LED, 1 high level buzzer (level adjustable), 1 vibrator

#### STANDARD

Designed following AEP D/104 Capability and systems requirements for nuclear and radiological detection, identification and monitoring

#### GPS, SD CARD INCLUDED

#### DIMENSIONS /WEIGHT

194 x 115 x 51 mm / 620g

#### MAINTENANCE SOFTWARE IN OPTION