

# MINITRACE CSDF



Versatile contamination and survey meter



- Multipurpose measurements (contamination, survey, dose, food monitoring)
- Radionuclide selection function
- Robust and long battery life time
- More than 5.000 instruments operating worldwide



## MiniTRACE CSDF

Multipurpose instrument for  $\alpha$ ,  $\beta$  and  $\gamma$  radiation measurement

MiniTRACE CSDF is a **multipurpose meter** for radiation monitoring in air, material, food or for surface contamination control. It provides **reliable radioactivity measurement** with a very fast response (approx 1 sec.).

**Easy to use**, MiniTRACE CSDF offers a quick access to its intuitive menu with 2 buttons. The device can be converted in a few seconds from a contamination meter to a survey meter.

Combined with a **comprehensive range of accessories**, MiniTRACE CSDF suits many applications including emergency outdoor measurements. **Versatile**, it is convenient for radiation controlled areas, research centers, educational organizations, scrap dealers, security forces or first responders.

### 4 radiation applications with only 1 device



#### Contamination monitoring

Detection of radioactive material in buildings, scraps...



#### Survey metering

Surveillance of gamma ionizing radiations in the air



#### Dose rate monitoring

Measurement of the radiations absorbed by human bodies



#### Food monitoring

Determination of the contamination in liquids or smashed food

#### Accessories available:

Rubber boot (included), communication kit, belt pouch, suitcase, plastic protection, wipe test kit, food measuring kit, emergency case, pressure tight container

### Health physics devices

Discover other products of Bertin Instruments

**RadTRACE**



Professional radiation dose rate meter

### On-site contamination monitoring Lab



#### Emergency kit

All required tools for radiation and contamination monitoring, combined in a very robust case for quick intervention in case of emergency



### Technical features

#### DETECTOR

15,55 cm<sup>2</sup> Geiger-Mueller-Pancake

#### MEASUREMENT RANGE

Dose rate: up to 5 mSv/h (0,5 Rem)

Pulses: up to 5.000 cps (300.000 cpm)

Activity: up to 100 kBq (999.000 dpm)

Surface: up to 5 kBq/cm<sup>2</sup> (30.000 dpm/cm<sup>2</sup>)

Food: from 500 to 100.000 Bq/L (from 13.500 pCi/L to 2,7  $\mu$ Ci/L)

#### SENSITIVITY

4,3 cps/ $\mu$ Sv/h (Cs137)

#### ENERGY RESPONSE [ $\mu$ Sv/h]

From 24 keV to 1.253 keV ( $\pm$  40%)

#### DISPLAY

6 digit backlit LCD + 5 digit AN

#### ALARM

Visual and acoustic

#### AUTONOMY

Up to 2.000 hours

#### DIMENSIONS

84 x 29 x 139 mm

#### WEIGHT

305 g incl. batteries

With the expertise of **SAPHYMO**

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