



The Handhound has been designed mainly for use in 'wet-chemistry' radio-isotope handling situations where hands could be contaminated. It has been designed to help with HSE compliance, by keeping a record of hand contamination measurements taken.

Our Radhound radiation monitoring electronics are incorporated into a stainless steel enclosure with a high sensitivity collimated detector, so that any contamination can be detected on hands.

The background is updated while the unit is

not in use. A proximity sensor ensures the user's hands are underneath the detector, the user then speaks his/her name and says 'Continue'. The system will begin counting for a predetermined period, set by the supervisor.

A touchscreen interface is also incorporated, to allow configuration and manual triggering if needed.

The Handhound is mains-operated and will find application in 'wet' labs using gamma isotopes, in corridors, work areas and Laboratories.

SPECIFICATIONS

Detector Crystal*	32 mm x 2.5 mm NaI
Energy Response*	15 keV to 250 keV for SS404 Al 5 keV to 250 keV for SS404 Be
Sensitivity*	3.8 cps per Bq/cm ² for ¹²⁵ I 1.6 cps per Bq/cm ² for ^{99m} Tc 1.4 cps per Bq/cm ² for ⁵⁷ Co
Unit Dimensions	380 x 300 x 155 mm
Temperature Range	-10°C to +50°C
Weight	Empty: 8.8 kg Complete: 14.1 kg

*Specifications using SS404 AL probe.
Full range of alternative detectors available.

FEATURES

- Voice operated
- Avoids instrument contamination
- Stainless steel, easy clean enclosure
- Sensitive scintillation counter for gamma emitters
- Automatic background updates
- Alternative detector options covering wide range of nuclides
- Automatic record keeping with data transfer for routine reporting
- Colour display
- Mains operated
- Low cost
- Designed and manufactured in the UK





Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.