MecMurphil

Hand-feet-clothes monitor

specifically designed and optimized for measuring contamination from radioisotopes used in nuclear medicine and PET.

four independant working easy to maintain 20 mm thick plastic scintillation detectors for excellent efficiency for the 511 keV photons

1Bq/cm^2 limit of detection for the most common isotopes used in nuclear medicine within 10 seconds

visual & acoustic alarms and voice guidance

measurements and alarms for each user can be stored in SQL database and transfered by ethernet connection or stored via USB

easy to decontaminate stainless steel frame

permanent quality checks

excellent quality price ratio

Technical specifications

6.5 " touch screen display

temperature range 0-40 ° C

mouse interface and virtual keyboard

alarms can be set for each detector

startup system 25 s

ethernet network connection (RJ45 female)

4 contact relay output for alarm

subtraction and automatic background compensation

measure unit cps or Bq/cm^2

database with preset radionuclides

calibration factors for each probe set individually

dimensions: (L x W x H) mm 570 x 665 x 1330

Weight: 50 KG

PROBE FOR HANDS AND CLOTHES MEASUREMENT

independent left hand and right hand channel

right hand probe is easily detachable and can be used to measure contamination of clothes.

Surface of each detector: 375 cm^2

Total area of detectors: 750 cm^2

Sensitivity Probe hands and clothes (reference source Cs-137) MDA (Minimum Detectable Activity): <1 Bq/cm^2 in 10 sec.

PROBE FOR FEET MEASUREMENT

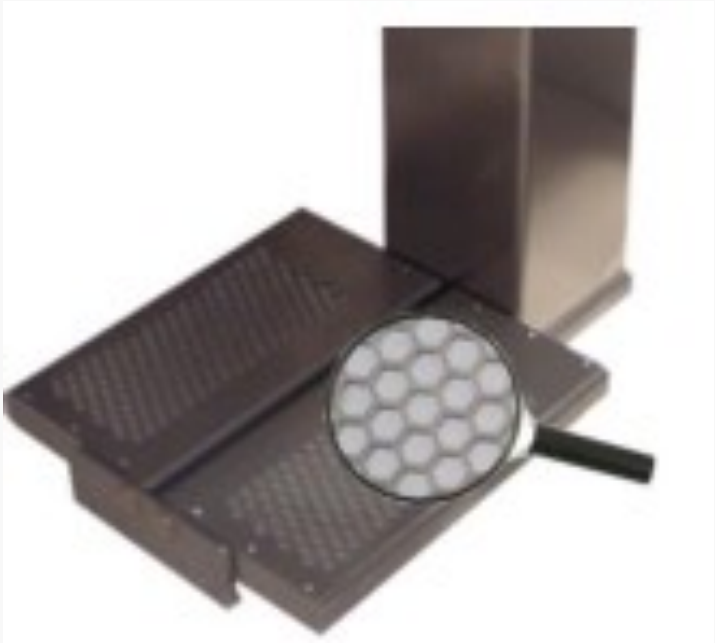
optimized transparency by octagonal drilling of grill

minimal distance between the detector and the foot.

Surface of each detector: 525 cm^2

Total area of the detectors 1050 cm^2

Sensitivity Probe feet (reference source Cs-137) MDA (Minimum Detectable Activity): <1 Bq/cm^2 in 10 seconds



Ordering information

MP-BCM Hand feet clothes monitor

CE

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