Contamination Monitor

Monitor with plastic scintillator for radioactive contamination measurement of surfaces in nuclear medicine laboratories

Features

- Utilizes a large size thin-layer plastic scintillation detector
- Does not require detector gas filling or gas flow
- Measures alpha, beta and gamma radiation using one detector
- Provides data logging and data transfer via an RS232 interface

Radiation protection regulations require that everybody working with unsealed radioactive materials must be checked regularly to determine whether work areas, protective clothing or body surfaces have become contaminated. The portable contamination monitor model CoMo 170 measures alpha, beta and gamma contamination with a high degree of sensitivity, utilizing a thin plastic scintillation detector of 170 cm^2 measuring area. This detector type causes less operating expenses and repair costs compared to proportional detectors with Xenon gas-filling or gas flow. A background subtraction function with adjustable background measurement time is included. The measuring results are presented on an illuminated large-area graphical LC display. The measurement is menu-prompted, and the measuring data are stored internally. The built-in RS232 interface and optional software make it possible to read and process the data. The monitor is operated by size AA batteries or by rechargeable batteries. A radioactive check device, external probes and optional accessories are available.

Ordering Information

L991221 Contamination monitor model CoMo 170

▸ Contamination Monitor Accessories *page 133*