Release Counter FMS

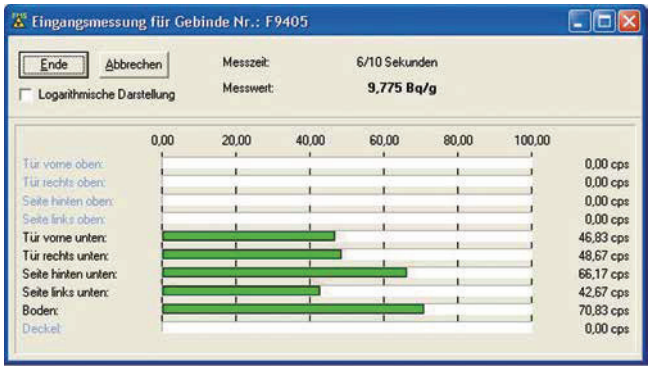
In the German Radiation Protection Ordinance (StrlSchV), the release of radioactive waste is comprehensively regulated. The "unrestricted release" in this case is especially important for the disposal of temporary stored, short-life nuclear medicine radionuclides. This waste can be disposed as normal waste, if they fall below the nuclide-specific release limit value of specific activity listed in the StrlSchV. With the release counter FMS, radioactive waste containers can be measured in a reproducible way and the measuring results can be documented according to the license. Carrying out release measurements significantly reduces the disposal costs which come up.

Model FR-6 NaI

Performance features:

- measurement / calculation of specific activity (Bq/g) taking into account nuclide- and container-specific calibration factors
- reproducible activity measurement in 4 π-geometry
- compact stainless steel housing with 2 swivel doors for easy loading, movable
- high-sensitive NaI-scintillation detectors (70 x 70 mm) for γ-activity measurements
- as an alternative with large-area, thin-layer plastic scintillation detectors for β-activity measurement
- PC-based measuring system industry-PC-system integrated in housing, measuring value display on flat LCD screen
- user-specific software with data management system, simple operation of the measuring system
- protocols of entrance and exit measurements according to the license requirements
- automatic consideration of the waste weight via integrated balance with serial interface. Calculation of specific activity in Bq/g
- calculation of storage time / renewed submission time
- exit measurement after n-half-lifes or after calculated falling below the release limit value
- comprehensive data management program with stock accounting, incl. data selection (variable filter functions)
- print of a disposal protocol for documentation and to present to a governmental institute for release to dispose

Our product line contains release counters of several sizes.



Model FR-10 NaI