



163 Incorporation Counter



The Radiation Protection Ordinance stipulates that regular incorporation control has to be performed on all employees handling open I-131 activities. The Directive for Physical Radiation Protection Control defines a monitoring interval of 2 weeks. Incorporation measurements are normally carried out at a licensed,

external measurement institute. The further away this location, the more time is wasted, and the higher the strain on the employees and the more complex the demands on organizing the sequence of work in the hospital.

The Incorporation Counter ISOMED 163 is a low-priced partial body counter which enables the user to meet the requirements of the above mentioned directive through self-monitoring with little time required for organization.

Performance Features

- PC-based counter
- Nuclide-specific measurement with MED multi-channel analyzer
- Integrated counter shielding
- Swiveling detector unit
- 3 x 3" NaI scintillation detector with 30 mm lead shielding
- Detection limit 40-50 Bq, relative to I-131 in the thyroid (T M = 300 s, T BG = 600 s)
- User-specific software INKORP

Calculation of activity, dose and %-share of the annual activity supply.
Integrated person file.

The software used in the Incorporation Counter ISOMED 163
can also be used in the Uptake Counter ISOMED 162.

© Elimpex-Medizintechnik, Spechtgasse 32, A-2340 Moedling, Austria
phone +43-2236-410450
fax +43-2236-410459

