



WASTE CONTROL MONITOR

for controlled disposal of radioactive waste



SPECIFICATIONS

- for giving security at the disposal of waste
- no exchange or mixture of contaminated radioactive waste with conventional waste
- very simple measuring process
- 4 high-sensitive NaI scintillation detectors in U-geometry

The Monitor serves for checking waste bags and boxes for radioactive materials in hospitals. It facilitates the control of waste bags or boxes and thus helps to prevent unintentional disposal of contaminated waste as conventional waste.

The operation of the monitor is very simple and can be performed easily and safely by the hospital's cleaning staff.

Measurement chamber approx. 50 cm x 50 cm x 60 cm (width x depth x height), allowing measurement of

waste bags or boxes

U-shaped detector arrangement, 4 highly sensitive NaI scintillation detectors, each 70 mm x 70 mm, one

detector per side and one at the bottom

Housing open in front for easy loading

Housing made of stainless steel and plastic

With transport rolls for mobile use

Integrated light barrier for automatic switching from background measurement to activity measurement

Automatic start of measurement

Red/green signal for measurement result

μ -controller based measurement electronics

Electronics concealed behind lid of measurement device

Large-area liquid-crystal display (4 lines, 20 signs each) for display of measurement result and user guidance

Setting of parameters, e.g. warning threshold, possible only through authorized person, password protected

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