



Optimized for measurement of gamma radiation in the energy range 60 to 600 keV

Features

- Sensitivity for ^{99m}Tc* ≥ 16,000 cps/MBq
- Spatial resolution: Full width at half maximum (FWHM) for ^{99m}Tc* ≈ 7 mm
- Shielding typically ≥ 99.9 %, min. ≥ 99.7%
- Angle: 35°

* 140 keV

Description

Silicon photodiode with caesiumiodid (CsI) scintillator for measurement of gamma radiation (e.g. ^{99m}Tc*)

Size of probe:
 Length: 243 mm
 Ø probe: 18 mm
 Ø tip: 13 mm
 Weight: 150 g

Application

Sentinel lymph node biopsy for types of cancer with tumors spreading through the lymphatic systems, such as melanoma, breast, head and neck, thyroid, prostate or cervical cancer

Order No.

509115

Product and delivery

- Wireless Gamma-Probe
- 12.1" panel PC with touchscreen and USB connection
- Measurement and navigation software for Gamma-Probe
- Metal table tripod, power cable, li-ion batteries
- User manual
- Aluminum wheeled case

Accessories

- Mobile stand with stainless steel shelf
- Source holder
- Li-ion batteries



Product characteristics

- Ergonomically designed wireless stainless steel probe
- Big 30.7 cm (12.1-inch) touchscreen panel PC
- Bluetooth™ connection between probe and panel PC
- Preset isotopes: ^{99m}Tc, ¹¹¹In, ¹²³I, ¹³¹I
- Threshold freely selectable between 60 and 600 keV
- ⁵⁷Co performance measurement for daily checkup
- Point source holder available as accessory
- Measurement recording for additional quality control
- Different user profiles can be stored
- Various graphic and acoustic display modes
- High noise immunity against high frequency noise sources and mechanical exposure
- Panel PC on table tripod, mobile stand available as accessory
- Very low energy consumption: battery life span > 65 operating hours, customary batteries manually changeable



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