



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

**Features**

- Sensitivity for  $^{99m}\text{Tc}^* \geq 18.000 \text{ cps/MBq}$
- Spatial resolution: Full width at half maximum (FWHM) for  $^{99m}\text{Tc}^* \approx 7 \text{ mm}$
- Shielding  $\geq 99.9 \%$

**Description**

Silicon photodiode with caesiumiodid (CsI) scintillator for measurement of gamma radiation (e.g.  $^{99m}\text{Tc}^*$ )  
 Size of probe:  
 Length: 249 mm  
 Ø probe: 18 mm  
 Ø tip: 12 mm  
 Weight: 190 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

\*140 keV

**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:  $^{99m}\text{Tc}$ ,  $^{111}\text{In}$ ,  $^{123}\text{I}$ ,  $^{131}\text{I}$
- Threshold freely selectable between 60 and 600 keV
- $\text{Co}^{57}$  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

**Order No.**

509110

**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



**Contact**

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