

Crystal Surgical Gamma Probe System

Optimized for Sentinel Lymph Node detection.

The most affordable system on the US market that meets today's requirements.

Features:

Control Unit

- 6 threshold nuclide pre-sets
- Digital LCD count rate display (cps)
- 10-element LED logarithmic ratemeter bar graph
- Two different acoustic signals, adjustable volume
- Rechargeable battery with charger
- Up to 13 hours operation time (normal load)
- Includes nuclide holder and hard-shell case.

Gamma Probe

- Tungsten shielded CsI:TI scintillator crystal coupled to a photo diode
- Sensitivity: 23000 Cps/MBq
- Shielding: >99.9% (TC99M)
- Angular Resolution (collimation): 40° FWHM (optional 20° and 60° collimation)



Specifications:

CSX-SG03 Control Unit

Maintenance-free lead storage batteries -----2x 6V/3.0 Ah
 Operation time with maximum charge -----10 hours at maximum load, 13 hours at normal load
 Charging with the delivered battery charger-----230 V / 300 mA
 Charging period for maximum charge -----12 hours
 Operation voltages -----± 5 V / 100 mA
 Classification of the control unit CXS-SG03 -----IP20
 Weight -----9.0 lb (4.0 kg)
 Dimensions (W x H x D) -----185 x 155 x 270 mm
 Protection degree of the application part
 against electric shock -----Typ BF

CXS-OP-SZB Gamma Probe

Detector -----CsI:TI-Scintillator crystal Ø6 mm x 8 mm long
 coupled to a 20 mm² Si-photodiode
 Sensitivity -----23,000 Cps/MBq
 Gamma-energy measurement range -----50 keV to 511 keV
 Collimation material -----Tungsten, 3.15 mm side wall thickness (using standard collimator sleeve),
 5 mm rear wall thickness
 Angle of view -----40° FWHM; optional 20° and 60° collimation sleeves
 Background sensitivity -----Zero effect < 0.3 cps = 18 c/min
 Weight (incl. 10 ft cable) -----14 ounce (0.4 kg)
 Dimensions -----Length: 220 mm, Diameter hand piece: 20 mm,
 Diameter entrance window: 15 mm

Energy Discrimination Ranges:

Preset	Energy	Threshold Nuclides
125I	20 keV	125I
201Tl	60 keV	201Tl, 58Co, 67Ga
99mTc	120 keV	99mTc, 123I, 111In, 99mTc
131I	310 keV	131I, 113mIn
PET	430 keV	PET-nuclides
VI	100 keV	for Tests with 57Co

5CXS-OP-3 Crystal Probe.....\$17,800.00
Includes Control Unit, Gamma Probe, 40° collimator, plastic protection sleeve, probe holder, manual, and hard storage case.

Prices subject to change without notice

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