



EuroProbe3



The ultimate
concept for
radioguided
surgery



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EuroProbe3

The ultimate concept for radioguided surgery

With a single readout module and numerous gamma probe options, the EUROPROBE 3 is a unique system that fulfills all needs of pre and post-operative detection as well as per-cutaneous localisation within 7 major clinical fields.



FLUORESCENCE MODULE

CLINICAL APPLICATIONS

BREAST CANCER

Sentinel node detection
In-clinic lesions detection («ROLL», «SNOLL»)

GYNAECOLOGY

Laparoscopic detection of sentinel node in cancer of the cervix and endometrium
Sentinel node detection in vulva cancer

HEAD & NECK

Oral cavity

DERMATOLOGY

Melanoma
Osteoid osteoma

ENDOCRINOLOGY

Thyroid
Parathyroid

NUCLEAR MEDICINE

Percutaneous detection
Localisation of gamma labelled areas

UROLOGY

Penile cancer
Prostate cancer

THE READOUT MODULE

MAIN FEATURES

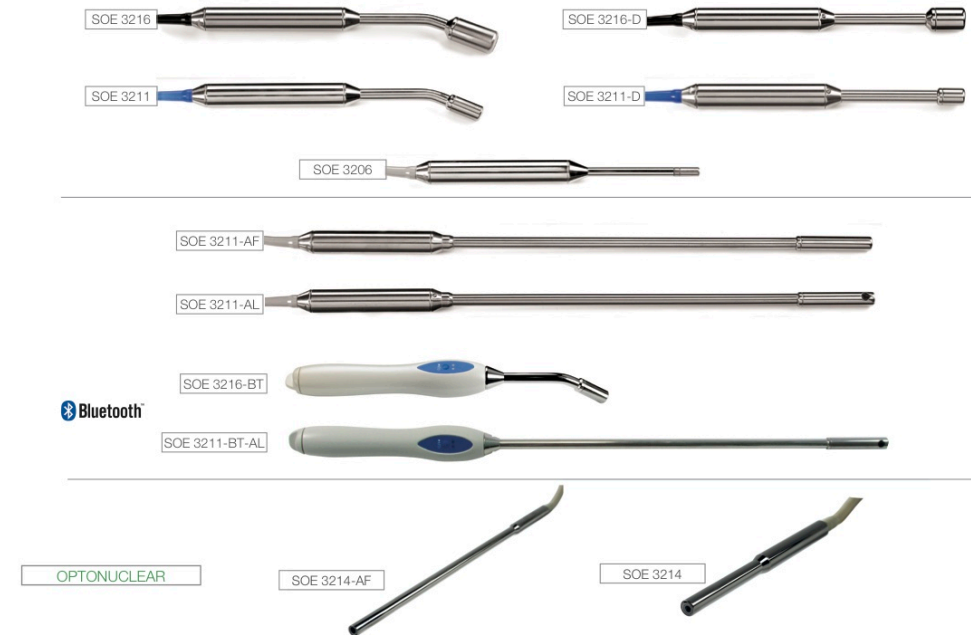
- Dual detection probes, gamma and fluorescence (additional module)
- Biocompatible probes
- Wired and cordless probe options
- Angled and straight probe options to accommodate body contours
- Automatic windowing for most common radioisotopes (Tc-99m, I-125, I-131, F-18)
- Customized user setting of energy window
- Easy system set-up
- Integrated Bluetooth® Wireless Technology
- No need for calibration - No drift
- Fast target and background count
- PC Port
- 9 customized configurations
- Footswitch (optional)

TECHNICAL SPECIFICATIONS

- Maximum count: 15000 cps
- Operating temperature range: +15°C to +40°C
- Height: 245 mm / 55 mm
- Width / Depth: 233 mm / 270 mm
- Weight: 2 Kgs / 1,3 Kgs
- Power consumption: Max 15 watts
- Operating power: 115/220 VAC F=50Hz
- Europe: CE 0459 (G-Med : class 2a)
- USA FDA Registered n° 9032627
- File Number: 244973
- Manufacturer: Eurorad SA - France



THE PROBES



CdTe/CZT PROBES (Cadmium Telluride/Cadmium Zinc Telluride)

Energy range: 20–364 KeV (optimal efficiency: 20–170 KeV) – Isotopes Tc-99m (140 KeV), I-125 (27 KeV), I-111 (171 KeV) - Medical grade stainless steel

Reference	Specific use	Probe Ø / Length (mm)	Shape / Detection	Integrated optional Collimator
SOE 3206	ROLL	6 / 186.5	STRAIGHT / AXIAL	-
SOE 3211	SN, ROLL, SNOLL	11 / 175	ANGLED / AXIAL	✓
SOE 3211-D	SN, ROLL, SNOLL	11 / 176.5	STRAIGHT / AXIAL	✓
SOE 3211-14	Specifically designed for I-125, SNOLL	14 / 197	ANGLED / AXIAL	✓
SOE 3211-14-D	Specifically designed for I-125, SNOLL	14 / 199	STRAIGHT / AXIAL	✓
SOE 3214	Optonuclear detection (dual reading)	12 / 192	STRAIGHT / AXIAL	-
SOE 3214-AF	Laparoscopic Optonuclear detection (dual reading)	12 / 430 (tube 320)	STRAIGHT / AXIAL	-
SOE 3211-AF	Laparoscopic frontal detection	10 / 386.5	STRAIGHT / AXIAL	-
SOE 3211-AL	Laparoscopic lateral detection	10 / 386.5	STRAIGHT / LATERAL	-
SOE 3211-BT-AF	Wireless laparoscopic frontal detection	10 / 386.5	STRAIGHT / AXIAL	-
SOE 3211-BT-AL	Wireless laparoscopic lateral detection	10 / 386.5	STRAIGHT / LATERAL	-

CsI PROBES

Energy range: 100 KeV–1 MeV (optimal efficiency: 140 KeV–1 MeV)

Isotopes Tc-99m (140 KeV), I-131 (364 KeV), F-18 (using a special collimator, 511KeV), I-111 (245 KeV)- Medical grade stainless steel

Reference	Specific use	Probe Ø / Length (mm)	Shape / Detection	Integrated optional Collimator
SOE 3216	SN	16 / 184	ANGLED / AXIAL	✓
SOE 3216-D	SN	16 / 185.5	STRAIGHT / AXIAL	✓
SOE 3216-7	High sensitivity	16 / 184	ANGLED / AXIAL	✓
SOE 3216-7-D	High sensitivity	16 / 185.5	STRAIGHT / AXIAL	✓
SOE 3216-11	SN	11 / 200	ANGLED / AXIAL	✓
SOE 3216-11-D	SN	11 / 202.5	STRAIGHT / AXIAL	✓
SOE 3216-BT	Wireless probe	11 / 259	ANGLED / AXIAL	✓