

# EuroProbe3



The ultimate  
concept for  
radioguided  
surgery



EuroMedical  
INSTRUMENTS

[www.em-instruments.com](http://www.em-instruments.com)

# EuroProbe<sup>3</sup>

*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.*



## 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

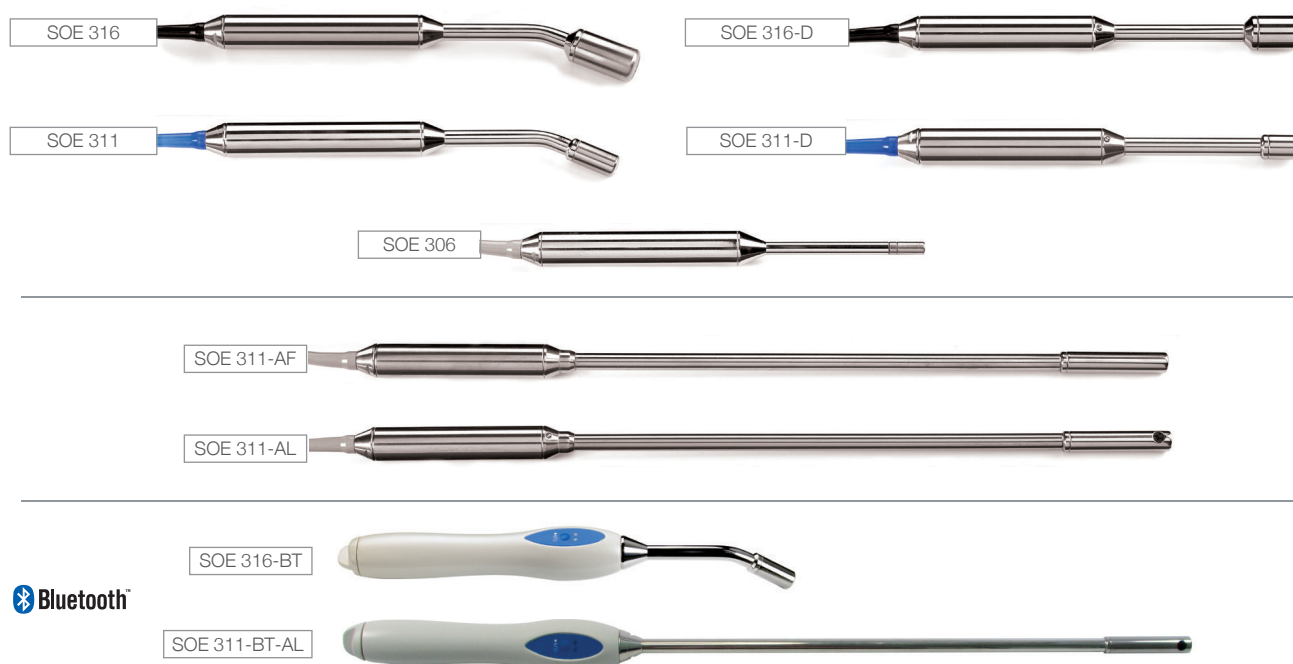
### MAIN FEATURES

- Corded 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
- Width / Depth: 233 mm / 270 mm
- Weight: 2 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





### 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)

Reference	Specific use	Probe Ø / Length (mm)	Shape / Detection	Optional Collimator
SOE 306	ROLL	6 / 186.5	STRAIGHT / AXIAL	-
SOE 311	SN, ROLL, SNOLL	11 / 175	ANGLED / AXIAL	✓
SOE 311-D	SN, ROLL, SNOLL	11 / 176.5	STRAIGHT / AXIAL	✓
SOE 311-14	Specifically designed for I-125, SNOLL	14 / 197	ANGLED / AXIAL	✓
SOE 311-14-D	Specifically designed for I-125, SNOLL	14 / 199	STRAIGHT / AXIAL	✓
SOE 314	Optical & nuclear detection (Dual probe)	14 / 191.5	STRAIGHT / AXIAL	-
SOE 311-AF	Laparoscopic frontal detection	10 / 386.5	STRAIGHT / AXIAL	-
SOE 311-AL	Laparoscopic lateral detection	10 / 386.5	STRAIGHT / LATERAL	-
SOE 311-BT-AF	Wireless laparoscopic frontal detection	10 / 386.5	STRAIGHT / AXIAL	-
SOE 311-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)

Reference	Specific use	Probe Ø / Length (mm)	Shape / Detection	Optional Collimator
SOE 316	SN	16 / 184	ANGLED / AXIAL	✓
SOE 316-D	SN	16 / 185.5	STRAIGHT / AXIAL	✓
SOE 316-7	High sensitivity	16 / 184	ANGLED / AXIAL	✓
SOE 316-7-D	High sensitivity	16 / 185.5	STRAIGHT / AXIAL	✓
SOE 316-11	SN	11 / 200	ANGLED / AXIAL	✓
SOE 316-11-D	SN	11 / 202.5	STRAIGHT / AXIAL	✓
SOE 316-BT	Wireless probe	11 / 259	ANGLED / AXIAL	✓



## CONTACT INFORMATION

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