

EUROPROBE

3-Step Set-up Guide



1 – Plug in the power cord

2 - Connect the probe(s) before starting:

Sign on connector up**

Automatic probe recognition: when switched on, the green LED will light up indicating the probe is operational



3 - Turn on the device by pressing the button.

Default settings: Tc99, sensitivity scale 1000, time integration 1 second, sound with bip



Sensitivity Scale Adjustment: Turn the knob when the green LED is off, otherwise press before turning

Example for 50 MBq of Tc99: Injection the day before: Count Scale at 100 or 250

Injection in the morning: Count Scale at 500 or 1000

Adjusting the volume: Press and turn the knob when the green LED is on

Adjustment options before or during use

Isotope selection : Tc99 - Press to select another isotope

Counting time : 10" - Press to select another time variable

Integration time : 0,5" - Press to select another integration time

Select config : Press to select configuration (No. 0 by default)

Sound mode : BIP - Press to select FM



Green Diode

Shut-down: TURN OFF THE DEVICE BEFORE UNPLUGGING THE PROBES

Warning: Ceci is a getting-started guide*. It does not exempt you from reading the manual before using the device.

*Guide valid for the EUROPROBE 3.2 marketed since December 2014. For other versions, please contact us.

EUROPROBE

DUAL Fluorescence Module Best Practice Guide

- ICG concentration 1.0 mg/ml to 2.5mg/ml
- Quantity 1-2mL, depending on the patient, for periareolar injection (1 to 4 injection sites)
- Massage post-injection 5 – 10 mn 
- Time between injection and start of GS detection $\approx$ 10 – 15 mins 
- Detection of ^{99}Tc GS or ICG through the skin
- Beginning of the incision in the direction of detection
- Detection of GS in fluorescence, search for maximum counts
- GS excision and ex-vivo detection with ^{99}mTc and ICG fluorescence
- Tumorectomy or mastectomy

Getting Started with the Fluorescence Module



1. Position the Gamma module over the Fluorescence module.
Attach the velcro fasteners and then connect the two modules with the color-coded cable.

2. Connect the DUAL Gamma Fluo probe before starting. All probes have to be disinfected and placed in a sterile cover before use

3. Position the black sensitivity lever of the DUAL module upwards



4. Connect the footswitch to the device 

5. Turn on the device by pressing the button. By Default: ^{99}Tc



Utilisation :

- Start at a "Count Scale" of 100 to 250. Adjust if necessary.
- Alternate between Gamma detection (Tc^{99}) and Fluorescence detection (Opto) by pressing the footswitch for 3 seconds.
- The DUAL probes incorporate optical fibers, which are inherently fragile. Proceed with great care when cleaning. Avoid twisting or bending the cable.



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