

# MorGaNA

MORE THAN GALLIUM-68 FOR NUCLEAR APPLICATIONS



**TEMA** SINERGIE  
High tech, high care

# MorGaNA

MorGaNA is a fully automated, stand-alone cold kit labelling device and automatic dispenser for  $^{68}\text{Ga}$  and other radiopharmaceuticals.

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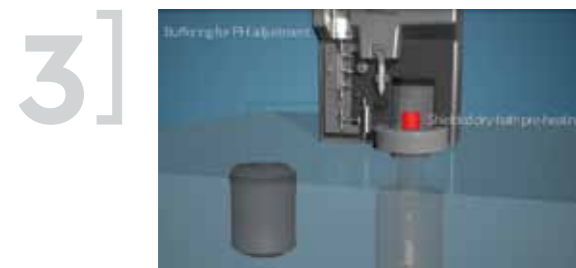
## THE WORKFLOW



The operator installs a disposable set for the kit preparation. The peptide vial is stored inside the shielded dry bath.



$^{68}\text{Ga}$  is automatically eluted and transferred to the peptide vial for kit reconstitution and labelling.



Buffer is then added for pH adjustments. Subsequently, the vial is heated for the required reaction time.



Automatic activity measurement and activity concentration recording. The vial is then stored until use at 25°C inside the shielded dry bath.



The operator can then choose to start an automatic dispensing process (optional), with a dedicated disposable kit.



Alternatively, the operator can carry on a standard manual dispensing process.



### MULTI-PURPOSE

Despite being specifically designed to **reconstitute**  $^{68}\text{Ga}$  cold kits, MorGaNA can work as an automatic **dispenser** for other radiopharmaceuticals as well, such as FDG.



### SAFETY

The whole process, from labelling to dose measurement and dispensing, is **fully automated** and can be performed remotely. This makes MorGaNA an extremely reliable and safe device, **ensuring operators radioprotection**. Automation of the process and the use of disposable sterile kits assure a full reproducibility and minimize any microbiological risk. Storage at a safe and controlled temperature (25°C) guarantees **product stability**.



### FLEXIBILITY

MorGaNA is **compatible with any  $^{68}\text{Ga}$  generator**, and it can be installed in most of the hot cells available on the international market (a compatibility check will be performed by our technicians).



### ADVANCED DATA MANAGEMENT

MorGaNA provides reports and statistics with a dedicated **FDA 21 CFR part. 11 compliant** software. All data are auto saved in an uncorruptible database and an automatic back up is performed periodically.

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