

# [3] BASE

## TRITIUM TRAP FOR ATMOSPHERIC MAPPING AND TRACKING POSITION



Connected to the passive trap SMART PA<sub>3</sub>, this equipment, easily deployable on the field, is the perfect, easy to use and standalone solution for analysis and ongoing monitoring of tritium sampling.

<sup>3</sup>BASE works completely independently and transmits wireless (Bluetooth) on going collection and real-time data to the user with our mobile app APP3. This innovative solution is ideal for radiological monitoring in the environment, to emergency situations or to post studies in buildings (laboratories, facilities, decommissioning). In order to ensure quality monitoring and traceability of samples, from the field to the laboratory, PA<sub>3</sub> (PATRI) technology has an NFC contactless technology that communicates with <sup>3</sup>BASE,

### HTO SAMPLING PERFORMANCES

Selectable continuous sampling	from 1 day to 1 month
HTO efficiency	> 99%
HTO detection limit	0.01 Bq/m <sup>3</sup>
Mass of sampling water	0 to 60g +/- 0.5g
Temperature measurement	-25 to +55°C +/- 0.3°C
Relative humidity	0 to 100% +/- 1.8%

### TECHNICAL SPECIFICATIONS

Wireless communication :	Bluetooth LE 4.0
Contactless technology :	NFC compatibilité ANDROID 4.3
Built-in GPS :	3 m of précision
Electric autonomie :	260 hours
Charging system :	100% in 8 hours
	Full autonomy with solar panel
Mounting on tripod :	Screws ¼''-20 (adapter 3/8'')
Dimensions :	215 x 130 x 156 mm
Weight :	1,35kg
Material :	ABS
Protection rating :	IP56
Operating temperature:	-25 to + 55°C

