

TUNA–SPECTROSCOPIC WATER STATION

The TUNA Spectroscopic Water Station consists of a submersible Spectroscopic Water Gamma Detector and the Supply- & Communication Unit.

The stationary version supports 110V / 230 V power supply with battery backup and solar power supply as option. Data communication between the station and Network Monitoring Center (NMC) uses LAN, DSL and/or LTE/GPRS in each case through a secure VPN. The base unit TUNA-80F of the station is designed for installation on a wall or pole.

A mobile version is available as TUNA-80-M. It is an IP67 case that also can be used as trolley as well as carried. It optionally includes GPS, such that the correct location of the station shows up automatically in NMC. LTE is integrated by default.



*Base unit TUNA-80F + Detector TUNA-1xx WITH MOORING Bracket
(TUNA-800-2000)*



Base unit TUNA-80M

PERFORMANCE SPECIFICATION

	Unit	TUNA-80F-...	TUNA-80M-...
<i>Features</i>		Pole or wall installation	Mobile base unit
<i>Compatible detector</i>		All TUNA detectors TUNA-1XX	All TUNA detectors TUNA-1XX
<i>Operation temperature</i>	°C	-40...+60	-40...+60
	°F	-40...+140	-40...+140
<i>Protection class base unit</i>		IP66	IP67
<i>Humidity</i>	%	0...100	0...100
<i>Power</i>	W	2.5 (average)	2.5 (average)
<i>Supply voltage</i>		110 V / 230 V AC	110 V / 230 V AC
<i>Battery voltage</i>	V	12	12
<i>Battery capacity</i>	Ah	26	14 / 26 Ah
<i>Battery operation time with SARA detector</i>	days	5	2 / 5 days
<i>EMC-proofed</i>		EN55022 Class B, EN55024 61000-3-2, 61000-3-3	EN55022 Class B, EN55024 61000-3-2, 61000-3-3
<i>Depth (base unit)</i>	mm	300	350
<i>Width (base unit)</i>	mm	500	550
<i>Height (base unit)</i>	mm	500	225
<i>Weight</i>	kg	~25	~18
<i>Communication interfaces additional to TUNA detector</i>		LTE/GPRS (optional) DSL (optional) Other communication interfaces on request	LTE/GPRS GPS (optional)
<i>Optional accessory base unit</i>		Mounting pole Solar power supply	

RELATED PRODUCTS: TUNA – SPECTROSCOPIC WATER GAMMA DETECTOR