

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

RELATED PRODUCTS: TUNA – SPECTROSCOPIC WATER GAMMA DETECTOR