Accurate portable UV254 measurements

The UV254 Go! measures UV254 transmission and absorption on a small handheld device, indicating the Natural Organic Materials (NOMs) in water.
Surrogate measurements* TOC, BOD and COD can be achieved without the need for reagents.

Applications

Drinking Water and Wastewater:
- Distribution system contamination
- Source water monitoring /protection
- UV Disinfection
- Reverse Osmosis
- DBP formation potential

Industrial:
- Food and Beverage
- Dairy
- Commercial Aquaculture
- Industrial markets

Environmental Monitoring:
- Rivers and lakes monitoring
- Groundwater monitoring
- Pollution control

Benefits

No consumables—no hidden costs:
- Real-time indication of BOD, COD, TOC and DOC surrogates
- Long life LEDs

Anybody can use:
- Intuitive, modern, easy to use interface
- Measurements obtained within seconds

Data integrity– No transcription errors:
- Date and time stamped results
- Easy transfer of excel compatible data via USB
- Results can be saved for 10 years

Use anywhere:
- Internal battery and charging options
- Lightweight and portable device
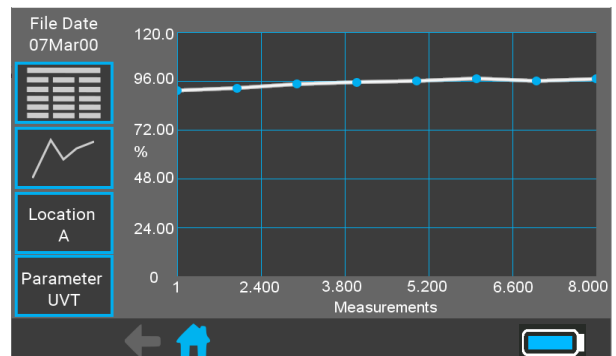- Range of measurement options

Specification	
Measurements	UVA, UVT and SUVA Surrogate measurements TOC, BOD, COD and others
Range	0-100% UVT 0-2.5 ABS
Accuracy	±0.5% UVT
Repeatability	±0.05% UVT
Cuvettes	10mm square UV Quartz Cuvette 1,2,5 & 10mm options
Measurement Time	Less than 30 seconds
Power	Lipo Internal Battery USB Charger
Wavelength	254nm
Light Source	Deep UV LED Long life, self monitoring
Data Logger	10 years data storage.
Dimensions	140x160x77mm
Display	800 x 480 pixel 4in Capacitive Touch TFT colour LCD
Operating Conditions	10 to 45℃, max 80% relative humidity (non-condensing)
Storage Conditions	-20 to 60℃, max 80% relative humidity (non-condensing)
Enclosure Rating	IP65
Interfaces	USB file transfer to PC
Warranty	2 years
Accessory Options	Hard Case, cuvettes, sample containers, power bank

Measurement Screen

Data review screen

Data trending screen