



With Photonic Measurements UV254 GO measure UV254 transmission and absorption on small handheld device that as easy suited to the lab as it is to the field. Take control of Natural Organic Materials (NOMs) in your water with surrogate measurements of *TOC, BOD and COD without the need of expensive reagents. Measuring UVA, UVT and SUVA* for responsive detection of aromatic organic material allows you to act on disinfection by-products such as Trihalomethanes (THM).

Multi-Parameter

Measure a number of parameters at the same time. Such as surrogate measurements of TOC, BOD and COD etc. Configuration of parameters is easy to allow for different parameters/surrogate measurements to be set-up on the analysers.

Advanced Optics and Electronics

Long life Pulsed UV LEDs for extended service life.
High resolution signal process means you never miss a photon of light.

Modern User Interface

Full colour touch screen display with simple icon driven menu system. Allows for measurements to be taking quickly, while every measurement is stored on the analyser.

Data Review

Review the last thousand measurements on the analysers and view trend data over time for each parameter. Every measurement is stored in .csv format and can be exported to external device.

*Measurements of SUVA requires periodically update the with the current dissolved organic carbon from the water.

*Measurements of surrogates requires routine calibration to standard procedures, as water matrix chemistry may change with time.

Measurements	UVA, UVT and SUVA Surrogate measurements TOC, BOD, COD and others
Range	0-100% UVT 0-3 ABS
Accuracy	±0.5% UVT
Repeatability	±0.05% UVT
Cuvettes	10mm UV Grade Glass
Measurement Time	10 Second
Battery	Internal Lithium Ion
Wavelength	254nm LED and Narrow 254nm filter photodiode
Light Source	Depth UV LED, Pulsed for long life
Data Logger	Life time measurement storage.

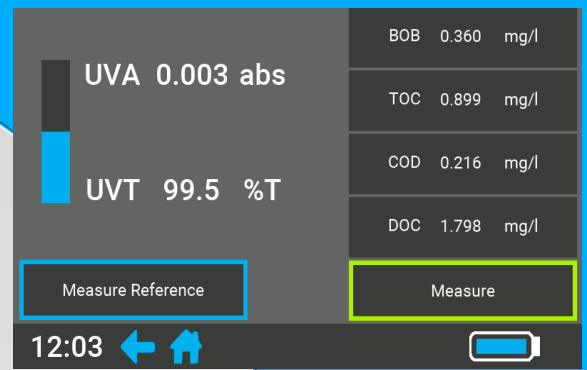
Dimensions	130x150x67mm
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Display	4in 800 x 480pixel Capacitive Touch TFT colour LCD
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Operating Conditions	10 to 45 °C, max 80% relative hu- midity (non-condensing)
Storage Conditions	-25 to 60 °C, max 80% relative hu- midity (non-condensing)

Enclosure Rating	IP65
Interfaces	USB for data retrieval

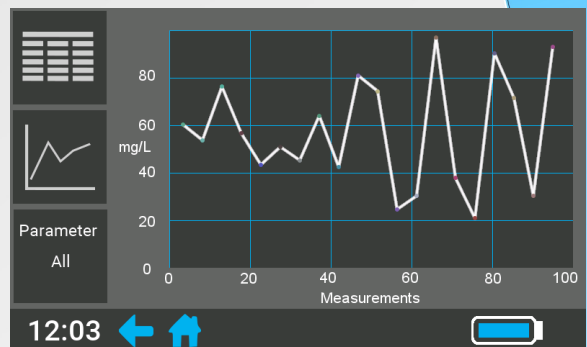
Warranty	2 years
Optional Hard case	



Measurement screen

	Date	Time	Parameter	Value	Units
	15 Feb 18	09:30	UVA	0.126	ABS
	15 Feb 18	09:32	UVA	0.051	ABS
	15 Feb 18	10:11	UVA	0.075	ABS
	15 Feb 18	10:16	UVA	0.056	ABS
	15 Feb 18	10:18	UVA	0.053	ABS
	15 Feb 18	10:32	UVA	0.092	ABS
Parameter	15 Feb 18	10:35	UVA	0.079	ABS
All	15 Feb 18	10:37	UVA	0.082	ABS
	15 Feb 18	10:38	UVA	0.076	ABS

Data review screen



Data trending screen

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