



## The quickest, easiest and most accurate portable UV254 analyser

Whether you are in a lab, at an industrial effluent point, water treatment works or remote river, **the UV254 Go! will perform for you.**

The UV254 Go! measures UV254 transmission and absorption on a small handheld device.

UV254 absorption (UVA) lets you measure the Natural Organic Materials (NOMs) in your water. Surrogate measurements\* of TOC, BOD and COD can be achieved without the need for expensive reagents. Studies have also shown UVA as a reliable indicator of disinfection by-products such as Trihalomethanes (THM).

### Multi-Parameter

Display up to four surrogate measurements at the same time in addition to UVA and UVT results.

Surrogate measurements such as TOC, BOD and COD can be quickly calibrated for a number of locations.

### Advanced Optics and Electronics

Long life pulsed UV LEDs ensure an extended service life and have none of the longer warm up times associated with mercury lamp analysers.

### Modern User Interface

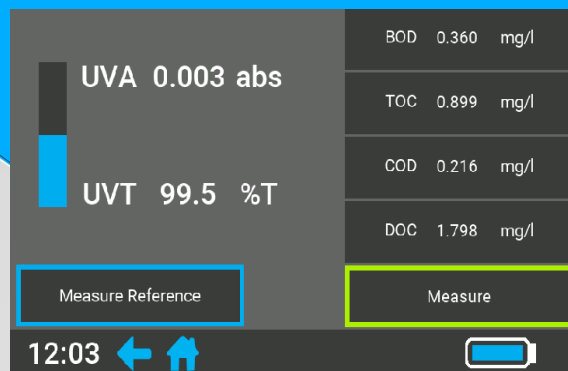
The modern interface offers an icon-driven, colour touch screen interface, ensuring that taking measurements is as simple and quick as possible.

### Data Review

Store a lifetime of data on the analyser.  
See a graphical review of trend data  
Easily transfer Excel-compatible CSV output files

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

<b>Measurements</b>	UVA, UVT and SUVA Surrogate measurements TOC, BOD, COD and others
<b>Range</b>	0-100% UVT 0-2.5 ABS
<b>Accuracy</b>	±0.5% UVT
<b>Repeatability</b>	±0.05% UVT
<b>Cuvettes</b>	10mm square UV Quartz Cuvette 1,2,5 & 10mm options
<b>Measurement Time</b>	10 Seconds
<b>Power</b>	Internal Lithium Polymer Battery USB Charger
<b>Wavelength</b>	254nm LED and narrow filter photodiode
<b>Light Source</b>	Deep UV LED Long life, self monitoring
<b>Data Logger</b>	Life time measurement storage.
<b>Dimensions</b>	140x160x77mm
<b>Display</b>	800 x 480 pixel 4in Capacitive Touch TFT colour LCD
<b>Operating Conditions</b>	10 to 45 °C, max 80% relative humidity (non-condensing)
<b>Storage Conditions</b>	-20 to 60 °C, max 80% relative humidity (non-condensing)
<b>Enclosure Rating</b>	IP65
<b>Interfaces</b>	USB for data retrieval
<b>Warranty</b>	2 years
<b>Accessory Options</b>	Hard Case, UV Quartz Cuvettes



Measurement screen

The screenshot displays a data review screen with a table of measurements. The table has columns for Date, Time, Parameter, Value, and Units. The data is as follows:

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
15 Feb 18	10:35	UVA	0.079	ABS
15 Feb 18	10:37	UVA	0.082	ABS
15 Feb 18	10:38	UVA	0.076	ABS

The screen also features a line graph icon, a 'Parameter' dropdown set to 'All', and the time '12:03' at the bottom.

Data review screen



Data trending screen