

### Versatile UV254 Go! for Accurate NOM and Surrogate Measurements

The UV254 Go! is a compact handheld device that measures UV254 transmission and absorption, indicating Natural Organic Materials (NOMs) in water.

It functions as both a benchtop lab analyzer and a portable field analyzer, ideal for assessing organic content in various water samples. The UV254 Go! includes two 10mm Quartz Cuvette Cells and power and charging accessories, with no reagents required for operation. It also offers surrogate measurements\* for TOC, BOD, and COD without the need for reagents.



## Applications



### Drinking Water

- Distribution system contamination
- Source water monitoring /protection
- UV Disinfection
- Reverse Osmosis
- DBP formation potential



### Waste Water

- Distribution system contamination
- Source water monitoring /protection
- UV Disinfection
- Reverse Osmosis
- DBP formation potential



### Environmental Monitoring

- Rivers and lakes
- Groundwater
- Pollution control

## Benefits

### Fast, Accurate Results

- Real-Time Data: Instant readings for BOD, COD, TOC, DOC.
- Long-Life LEDs: Reliable output, no frequent replacements.
- Quick Measurements: Results in seconds.

### Operational Efficiencies

- No Consumables: Eliminates ongoing costs.
- Low-maintenance, durable design.
- Low power usage with long-life LEDs.
- Suits various testing needs.

### Ease of Use

- Intuitive controls, and quick setup
- Portable Design: Lightweight and easy to transport.
- Internal Battery: Flexible use with charging options.

### Data Integrity

- Accurate tracking with date and time.
- Simple Data Transfer: USB export in Excel-compatible formats.
- Secure data storage for up to 10 years.
- Error-Free Recording: Digital, error-free data storage.



<b>Measurements</b>	UVA, UVT, and SUVA
<b>Surrogate Measurements</b>	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>	Less than 30 seconds
<b>Power</b>	Lipo Internal Battery, USB Charger
<b>Wavelength</b>	254nm
<b>Light Source</b>	Deep UV LED, long life, self-monitoring

<b>Data Logger</b>	10 years data storage
<b>Dimensions</b>	140x160x77mm
<b>Display</b>	800 x 480 pixel, 4in Capacitive Touch, TFT colour LCD
<b>Operating Conditions</b>	1 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 file transfer to PC
<b>Warranty</b>	2 years
<b>Accessory Options</b>	Hard case, cuvettes, sample containers, power bank

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

