



## Water Quality Analysers



# UV254Portable - UV254 Absorption and Transmission

With the UV254Portable range of UV254 hand held meters you get.....

- Portable organics monitoring in water
- Measures UV254 (SAC or UVT)
- Accurate, stable, reliable, precise
- Fast response
- Ease of use
- Rugged
- Low cost
- Calibration memory (No DI water needed)
- Innovative technology
- Long lamp life

Being able to get fast, reliable UVT254 absorption, and therefore organises loading information is now a reality. Used to provide quick (<1mm) information on site the UV254Sense Portable provides an invaluable tool to the water treatment engineers.



The Pi UV254Sense Portable for the measurement of UV254 Absorbance and UV254 Transmission can provide testing in both units of UV transmittance (UVT) and UV absorbance (UVA), and any of the meters can be equipped with our optional battery pack feature, allowing the meter to truly go anywhere, anytime. The patented Split-Sensor technology also allows for the unique ability to remember the meter's calibration, eliminating the need to calibrate (zero) the meter to a known pure (DI) water source before taking a measurement. This improves ease of use in the field for performing rapid grab sample testing of various water sources.

### Specification\*

<b>Range:</b>	0-1.3% UVA, 5-100% UVT
<b>Accuracy:</b>	±0.5% FS
<b>Resolution:</b>	0.001 UVA, 0.1% UVT
<b>Units:</b>	cm <sup>-1</sup>
<b>Path Length:</b>	10mm
<b>Calibration:</b>	Calibration memory prevents the need to re-zero to DI water
<b>Self Diagnostics:</b>	Notification of system failure
<b>Operator Interface:</b>	Easy to use, no complex configuration required
<b>Display:</b>	32 character backlit LCD
<b>Wavelength:</b>	253.7nm
<b>Light Source:</b>	Low pressure mercury UV lamp/UV LED
<b>Lamp Life:</b>	2 years

<b>Dimensions:</b>	22.1cm L (8.7") x 19.05cm W (7.5") x 9.9cm H (3.9")
<b>Enclosure:</b>	IP65 Rugged, compact, watertight and dustproof
<b>Electrical:</b>	12VDC 1A wall adapter (accepts 90-250VAC 50/60Hz), 12VDC car adapter
<b>Storage Temp:</b>	-20° to 60°C (-4° to 140°F)
<b>Operating Temp:</b>	0° to 45°C (32° to 113°F)
<b>Weight:</b>	1.81kg/4lbs
<b>Warranty:</b>	1 year
<b>Technology:</b>	Split-Sense
<b>Options:</b>	Battery power pack

*\*All subject to change without notice*

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