



# UV254Portable

## UV254 Absorption and Transmission

With the UV254Portable range of UV254 hand held meters you get a simple and reliable means of testing any water for UVT and UVA. Essential for verifying an online analyser reading or as an independent measurement.

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



Being able to get fast, reliable UV254 absorption, and therefore organics loading information is now a reality. Used to provide quick (<1min) information on site, the UV254Sense Portable provides an invaluable tool to water treatment engineers.

### Applications

- **Enhanced coagulation jar testing**
- **Raw water surveys**
- **Treated water testing**
- **Online instrument verification**

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, 1-100% 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 removes 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/white light 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*