

PORTABLE UV254 MONITOR UVP1000

STANDARD FEATURES

- Portable unit with 1 minute warm-up time
- 254nm wavelength UV light source
- Displays either UV Transmittance or UV Absorbance values
- Simple calibration
- User friendly interface
- Built-in fault detection

OPTIONAL FEATURES

- Battery power pack

BENEFITS

- Surrogate measurement for TOC/DOC
- No reagents
- Much lower cost than other UV254 Analyzers
- Very low maintenance costs

APPLICATIONS

Water Treatment

- Detect changes in coagulant demand
- Monitor organics removal
- Monitor potential for disinfection byproducts (DBPs)

Distribution System Monitoring

- Detect system contamination

Wastewater Treatment

- Monitor effluent discharge



GENERAL SPECIFICATIONS

Range:	0 - 100% UVT, 0 - 2 UVA	Wavelength:	253.7 nm
Accuracy:	±0.5% UVT	Light Source:	Low pressure germicidal UV lamp
Resolution:	0.1% UVT, 0.001 UVA	Dimensions:	8.7" H x 7.5" W x 3.9" D
Path Length:	1 cm	Enclosure:	Rugged, compact, watertight, and dust-proof with convenient carrying handle
Sample Cell:	10 mm x 10 mm quartz cuvette	Weight:	4 lbs
Units of Measurement:	UV Percent Transmittance (%), UV Absorbance per cm (cm ⁻¹)	Electrical:	Wall adapter - 110 VAC (UL approved) or 220 VAC, car adapter - 12VDC
Response Time:	Warm-up time ~ 1 min. Calibration ~ 2 sec. Computation ~ 2 sec.	Operating Temp:	32° to 122° F (0° to 50° C)
Built-in Fault Detection:	Notification of a system failure	Options:	Battery power pack
Calibration:	Advanced calibration with the simple push of a button		
Display:	32 character backlit LCD digital display provides easy on screen instructions and system messages		