



REAL UV254 PORTABLE METERS

P Series Specification Sheet

The UV254 Portable meters from Real Tech lead the way in portable organics testing. Benefiting from Spilt-Sense technology, the instruments have a unique memory calibration feature which allows the meters to be used for an extended period of time before DI calibration is required. Operation is straight forward with accurate and repeatable results obtained in seconds. An optional Battery Pack allows for sampling anywhere, anytime.

Features and Benefits

- Extremely easy to use with fast 90 second warm up time
- Measures in UVT or UVA with simple toggle feature
- Accurate and precise results within seconds
- No zeroing to DI before each test with Calibration Memory
- Rugged design for field testing with optional Battery Pack for true portability



**LEADING THE
WAY IN PORTABLE
ORGANICS TESTING**

Table 1: Models and Measurement Range

Model	Path Length	UVT %	UVA (abs/cm)
P050	1 mm	0-10	0-13
P100	2 mm	0-15	0-6.5
P110	2 mm and 10 mm	0-100	0-6.5
P200	10 mm	5-100	0-1.3
P300	40 mm	47-100	0-0.325

Table 2: Technical Specifications

Characteristic	Technical Data
Units	Abs/cm or %
Accuracy	+/- 0.5 % FS
Resolution	0.001 UVA or 0.1% UVT
Calibration	Calibration memory prevents the need to re-zero to DI water.
Self-Diagnostics	Notification of system failure
Display	32 character backlit LCD
Wavelengths	253.7 nm
Light Source	Low-pressure mercury UV lamp / UV LED
Lamp Life	2 years
Dimensions	8.7"L x 7.5"W x 3.9"H (254 cu in)
Enclosure	Rugged, compact, watertight and dustproof
Electrical	12VDC 1A wall adapter (accepts 90-250 VAC 50/60Hz). 12VDC car adapter
Storage Temp.	-20 to 60°C (-4 to 140°F)
Operating Temp.	0 to 45°C (32 to 113°F)
Weight	4 lbs
Warranty	2-year limited warranty
Technology	Split-Sense
Options	Battery power-pack

* Technical Specifications are subject to change without notice.