

UV254 FIELD METER

WATER QUALITY
MONITORING
SOLUTIONS

P SERIES



FEATURES & BENEFITS

- 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 water before each test
- Rugged for field testing with optional Battery Pack
- Wastewater to high purity test ranges

OVERVIEW

The UV254 portable field meter from Real Tech leads the way in organics testing. Benefiting from Spilt-Sense technology, the instrument has a unique memory calibration feature that allows the meter 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 giving the user true portability.

MODELS & RANGE

P series models include UV254 portable field meter, sampling cuvette, wall adapter and car adapter.

| MODEL # | PATH LENGTH | UVT (%) | UV254 (cm ⁻¹) |
|---------|----------------|----------|---------------------------|
| P050 | 1 mm | 0 - 100 | 0 - 20 |
| P100 | 2 mm | 0 - 100 | 0 - 10 |
| P110T | 2 mm and 10 mm | 0 - 100 | n/a |
| P110A | 2 mm and 10 mm | n/a | 0 - 10 |
| P200 | 10 mm | 1 - 100 | 0 - 2 |
| P300 | 40 mm | 32 - 100 | 0 - 0.5 |

BATTERY PACK

| PRODUCT # | NAME | DESCRIPTION |
|------------|--------------|---|
| UVT-068010 | Battery Pack | Factory installed battery pack upgrade for UV254 P series meters, comes with battery charger. |

MUNICIPAL DRINKING WATER
MUNICIPAL WASTEWATER
INDUSTRIAL PROCESS WATER
INDUSTRIAL WASTEWATER

REALTECH
INC.

SPECIFICATIONS

| CHARACTERISTIC | TECHNICAL DATA |
|------------------|---|
| Units | cm ⁻¹ 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 lb |
| Technology | Split-Sense |
| Warranty | 2-year limited warranty |

* Technical Specifications are subject to change without notice.

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