



Optimise your Water Treatment Plant using UV254

An easy installed UV254 system used for optimising your process.

Self-maintained with integrated cleaning technology.

Applications

Drinking Water and Wastewater:

- Distribution system contamination
- Source water monitoring /protection
- Coagulation optimisation
- UV Disinfection
- Reverse Osmosis
- DBP formation potential

Industrial:

- Food and Beverage
- Dairy
- Semiconductor
- Ballast water
- Commercial Aquaculture

Benefits

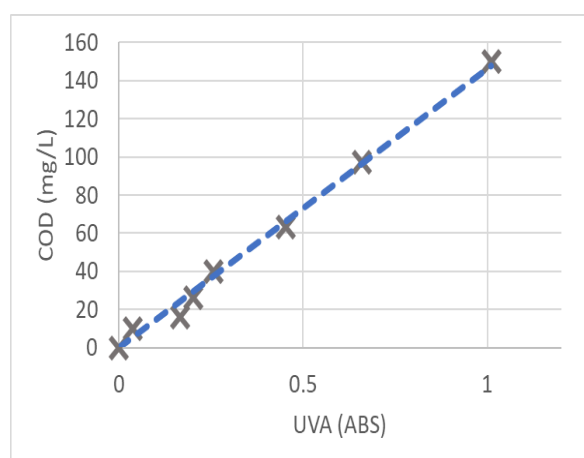
- No consumables—no hidden costs
- Long life UV LEDs
- Low energy consumption can be powered from multiple controllers
- Easy installation and placement
- Real-time display of BOD, COD, TOC and DOC surrogates and direct measurements UVA, UVT, IRA, IRT and TSS
- Calibration saved on the Probe
- Measurements every 10 seconds
- Customisable for user application
- Optional datalogging up to 20 years
- Operates probe cleaning system
- Password Protected
- Prevents reverse water flow
- Push fit tubing connectors
- Water dischargeable to drain
- Communicates to control room using 420mAmp

Specification

Measurements	UVA, UVT, Surrogate measurements TOC, BOD, COD and others
Range	0-100% UVT 0-2.5 ABS
Accuracy	±0.5% UVT
Repeatability	±0.05% UVT
Path Length	2, 5, 20 or 50mm
Sampling Time	10 Seconds
Material	Stainless Steel, Aluminium, Titanium
Wavelength	254nm
Light Source	Deep UV LED Long life, self monitoring
Dimensions	Board: 75x75cm
Operating Conditions	10 to 45°C, max 80% relative humidity (non-condensing)
Storage Conditions	-25 to 60°C, max 80% relative humidity (non-condensing)
Enclosure Rating	Probe IP68
Interfaces	Relay and 420mAmp
Warranty	2 years
Cleaning System	Jet wash (Optional)
Conformity Safety	EN61010
Conformity EMC	EN61 326
Supply Voltage	12VDC
Display size	3" Graphic LCD
Data Storage	128 x 64 px Optional
Relays	3 Relays 230V 5amp
Approvals	Including cleaning ASA+PC, UL 94V-0
Power Requirements	120/230 AC
Connectors	10mL tubing
Wall Mounted	Yes



Controller



Measurement of COD with probe

Pending?

Wash System