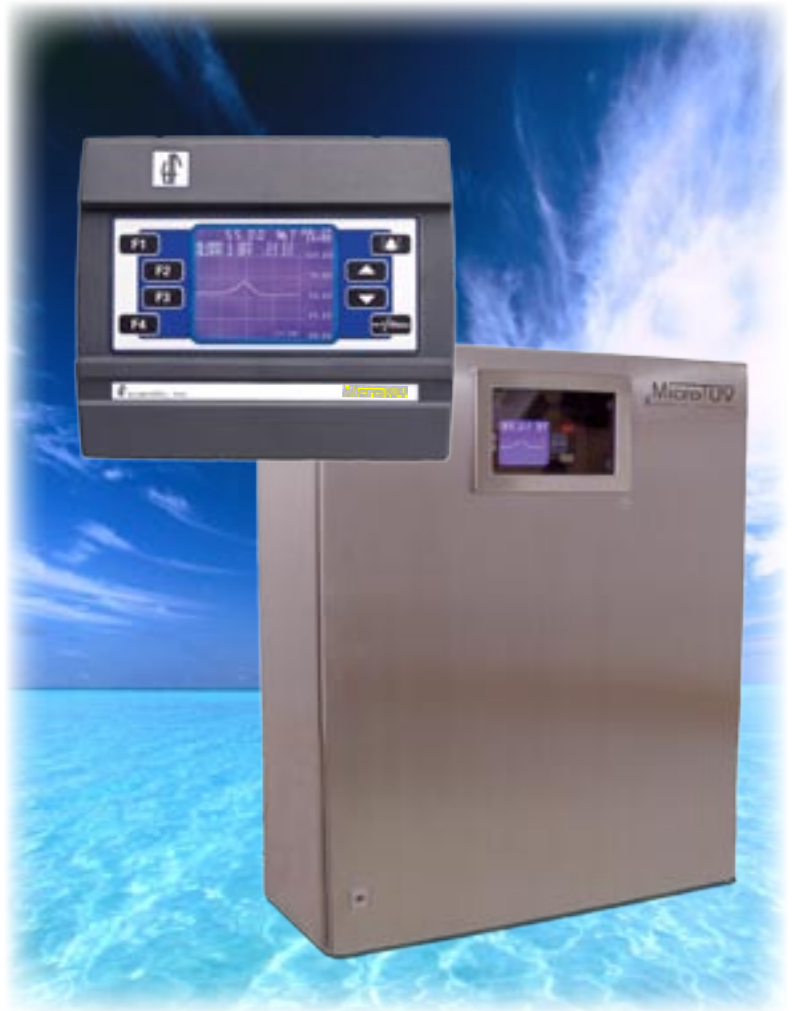


HF scientific, inc.

MicroTUV Online UV %T Analyzer

- Graphical Display
- All Weather Enclosure
- Automatic Calibration
- On Screen Instructions
- Three Separate Alarm Contacts



Automatic Calibration, Graphical Display and On Screen Instructions make the MicroTUV a very flexible and effective instrument. The MicroTUV is simple to install. All parameters may be changed quickly and simply through on screen menus. The graphical display of the MicroTUV monitor provides the operator a fast and easy way to keep up with changes in their process. Historical trending of readings over an 8 or 24 hour period is continuously displayed as a graph on the screen. Leading edge sensor technology coupled with the HF Micro T Monitor provides an affordable monitoring system for any %T application.

MicroTUV Online UV Transmission Analyzer

Specifications

Range:	Auto Ranging, 0 - 100% Transmission
Resolution:	± 1.0% of Reading
Accuracy:	± 1% of Full Scale
Wavelength:	UltraViolet 253.7nm
Response Time:	Reading is Updated every 30 Seconds
Operating Temperature:(*)	-4°F (-20°C) to 122°F (50°C)
Storage Temperature:	-4°F (-20°C) to 140°F (60°C)
Optical Cleaning:	Removeable Cuvette plus Inline Cleaning Solution Connection
Flow Rate:	140 - 180 ml/minute
Analyzer Separation:	Up to 1000 feet (300m)
Communication:	RS-485 Serial Port, 9600 Baud, Isolated 1.5kv
Sensor/Sampler Enclosure:	Stainless Steel
Analyzer Case Dimensions:	330 x 290 x200mm (13" x 11½" x 8")
Calibration:	Automatic, w/Calibration Periods User Selectable
Keyboard Entry Analyzer:	8 Membrane Function Keys
Built In Diagnostics:	Yes
Analog Output:	4-20 mA and .1, 1 or 10 Vdc
Alarms:	1 System / Two Settable HI, LO or OFF with 2.5, 5.0 or 10% Settable Deadband
Alarm Contact Rating:	Max. 250 VAC@5.0A Resistive, Isolated Form C (SPDT)
Certification:	CE, ETL (UL), ETL (CSA, NEMA 4X, IP66)

*When Cold Water Kit is Installed

Ordering Information

Cat. No.	Description
19566	MicroTUV Complete Online Analyzer w/ Enclosure 115V* (For Open Channel Systems)
19565	MicroTUV Complete Online Analyzer w/ Enclosure 240V* (For Open Channel Systems)
19566B	MicroTUV Complete Online Analyzer w/ Enclosure 115V* (For Pressurized Systems)
	*Includes Single Enclosure with Window for Viewing Analyzer (Analyzer Included)
19570	MicroTUV Sensor/Sampler with Enclosure 115V**
19569	MicroTUV Sensor/Sampler with Enclosure 240V**
19568	Analyzer for MicroTUV 115/240V
19567	Enclosure for Analyzer (part #19568), NEMA 4X
	**Includes Single Enclosure for Sensor/Sampler Only (Analyzer Not Included)

Accessories

Cat. No.	Description
70908	100%T Standard Solution (4 gallon)
19402	Cleaning Solution (4 gallon)
22965	Cleaning Kit

Standard Features

- **Graphical Display**
Quickly view historical trending of %T readings over an 8 or 24 hour period.
- **All Weather Enclosure**
Enclosure and Sample Lines are heated and insulated for outdoor installations.
- **Automatic Calibration**
Automatic Calibration ensures accuracy and repeatability over the full measuring range.
- **On Screen Instructions**
Easy to use menus guide you through set-up and calibration procedures.
- **Three Separate Alarm Contacts**
System alarm and two user programmable HI / LO alarms provide continuous confidence in the measuring process.
- **Made in the USA**

Note: Model illustrated on literature front is #19566-MicroTUV w/ Enclosure Window

Represented by:

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