

# AccUView OnLine UV %Transmission Analyzer

With over 30 years of optical design expertise HF scientific has developed an AccUView Online UV %Transmission Analyzer specifically for drinking water disinfection monitoring. Engineered using leading edge Microprocessor technology the AccUView is the most reliable and cost efficient instrument for monitoring the %transmission of a UV Disinfection System for drinking water. Standard features include simple calibration procedures, a bubble rejection system and an Ultrasonic Autoclean System designed to reduce operator maintenance time.



## Standard Features

- Ultrasonic autoclean: Patented design # US 7,808,642 B2**  
 Ultrasonic autoclean system continuously cleans the sample cell ensuring accurate and reliable readings.
- Communications**  
 Standard communications include 4-20 mA with isolator or Optional RS-485 with Modbus protocol.
- Affordable**  
 Modular microprocessor based technology ensures high quality at an affordable price.
- Certified Standards**  
 HF scientific certified 100%T Calibration Standard.
- Low Maintenance Fail Safe Design**  
 Simple Modular Design. Ultrasonic autoclean system reduces time consuming maintenance.

## Optional Features

- Remote Display**  
 Allows remote monitoring up to 500 feet from the instrument.

## Ordering Information

Cat. No.	Description
19577	AccUView OnLine UV %Transmission Analyzer, 100-240 VAC

## Accessories

24232S	Quartz Cuvette with Ultrasonic Transducer
19323	Calibration Standard, 500mL, 100%T, Certified
70908	Calibration Standard, 1 gal., 100%T, Certified
19609	Remote Display, For an additional digital readout up to 500 feet away
19851A	RS-485 output with Modbus protocol (factory installed option)

## Specifications

Range:	0-100 %Transmission ( Auto Ranging)
Resolution:	0.1%T
Repeatability:	± 0.1%T
Accuracy:	± 1.0%T
Wavelength:	Ultraviolet 253.7nm
Response Time:	User Selectable update from 4-60 sec.
Operating Temperature:	0 - 50°C (32° to 122°F)
Standard Outputs:	4-20mA with isolator or optional RS-485 with Modbus Protocol
Alarms:	2 user selectable high / low alarms
Pressure/Flow Rate:	Maximum 200 psi/1000ml per minute Built in Regulation Provided
Calibration:	100%T Standard Certified
Enclosure:	NEMA 4X, IP66
Display:	Multiline Custom LCD with Backlight
Certification:	CE, ETL (UL), ETLIC (CSA)
Shipping Dimensions:	15"Lx11"Hx10"W (38cm x 28cm x26cm)
Shipping Weight:	3 kg (6.7 lbs)

Specifications subject to change without notice.



**Ultrasonic Autoclean System**  
 Keeps the optical chamber clean in finished or raw water applications.