

AccUView WasteWater UV% Transmission Analyzer

With over 30 years of optical design technology expertise HF scientific has developed its' 4th generation of WasteWater UV%Transmission Analyzer. Engineered using leading edge Microprocessor technology the AccUView WasteWater is the most reliable and cost effective instrument for monitoring the %Transmission of Waste Water. Standard features include continuous Ultrasonic Cleaning, simple calibration procedures and a bellows pump for the sample intake.



Standard Features

- Ultrasonic autoclean: Patented design # US 7,808,642 B2**
 Ultrasonic cleaning 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.
- Bellows pump**
 Bellows pump included to provide sample flow to instrument.

Optional Features

- Cold weather kit**
 Cold weather kit for outdoor applications in below freezing environments.
- Remote display**
 Allows remote monitoring up to 500 feet from the instrument.

Ordering Information

Cat. No.	Description
19571	AccUView WASTEWATER UV%Transmission Analyzer, 100-240 VAC
19571C	AccUView WASTEWATER UV%Transmission Analyzer, With Heater

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
Resolution:	0.1%T
Repeatability:	± 0.1%T
Accuracy:	± 1.0%T
Wavelength:	Ultraviolet 253.7nm
Response Time:	Updated at Selectable sample intervals from 10 to 60 minutes
Cleaning System:	Ultrasonic Cleaning
Outputs:	4-20mA with isolator or Optional RS-485 with Modbus Protocol
Alarm:	User Settable 240 VAC form C Relay
Operating Temperature:	-10°C to 50°C (-14°F to 122°F) Low temperature operation requires optional cold weather kit
Sample Temperature:	0°C to 50°C (32°F to 122°F)
Storage Temperature:	-20°C to 60°C (-4°F to 140°F)
Sample Lift:	3.6m (12 ft.)
Sample Strainers:	Foot Strainer and T-Strainer
Pump Type:	Bellows
Flow Rate:	500 ml/min 1l/min (depending on lift)
Display:	Multiline Custom LCD with Backlight
Power Requirements:	100 to 240 VAC 47-63 Hz 80VA
Enclosure:	Stainless Steel with Lexan window
NEMA Ratings	Designed to meet NEMA 4X
Agency Testing:	CE, ETLus & ETLc
Dimensions:	20"W x 20.75"H x 13"D (50.8cm x 55.7cm x 33cm)
Shipping Weight:	23.6 kg (52 lbs)

Specifications subject to change without notice.



AccUView Wastewater
with open door