AccUView LED Online UV Analyzer

With over 30 years of optical design expertise HF scientific has developed an AccUView LED Online UV Analyzer specifically for drinking water disinfection monitoring. Engineered using leading edge microprocessor technology, the AccUView LED is the most reliable and cost efficient instrument for monitoring the %Transmission and Absorbance of a UV Disinfection System for drinking water.

Standard features include simple calibration procedures, a bubble rejection system, an Ultrasonic Autoclean System designed to reduce operator maintenance time, and selectable scaling of %Transmission or Absorbance.

AccUView LED Online UV Analyzer with Flow Alarm Model Shown

Ultrasonic Autoclean System

Keeps the optical chamber clean in finished or raw water applications.

Standard Features

- **UVC LED light source**
  Longer life and mercury free

- **Two measurement scales**
  %Transmission and Absorbance

- **Communications**
  Standard communications include 4-20 mA with isolator or 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.

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scientific
Water Quality Measurement Systems

Ordering Information

CATALOG NO.	DESCRIPTION
28041	AccUView LED Online UV Analyzer, 100-240 VAC
28042	AccUView LED Online UV Analyzer with Flow Alarm, 100 - 240VAC

Accessories

24232S	Quartz Cuvette with Ultrasonic Transducer
19323	Calibration Standard, 500mL, 100%T, Certified
70908	Calibration Standard, 1 gal., 100%T, Certified

Specifications

Range:	0-100 %Transmission (Auto Ranging), 0 - 2.0 ABS
Resolution:	± 0.1%T, ±0.0001 ABS
Repeatability:	± 1.0%T, ±0.002 ABS
Accuracy:	± 1.0%T, ±0.002 ABS
Wavelength:	Ultraviolet 255 nm
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 RS-485 with Modbus Protocol
Alarms:	2 user selectable high / low alarms
Pressure/Flow Rate:	Maximum 150 psi
Calibration:	100%T Standard Certified
Enclosure:	NEMA 4X, IP66
Display:	Multiline Custom LCD with Backlight
Certification:	CE, ETL (UL), ETLc (CSA)
Electrical:	100 - 240 Volts, 47-63 HZ, 80VA
Shipping Dimensions:	15"L x 11"H x 10"W (38cm x 28cm x 26cm)
Shipping Weight:	3 kg (6.7 lbs)

Specifications subject to change without notice.

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