

ColorVis 705 IQ

UV COLOR SENSOR FOR IQ SENSORNET



For more information visit:
[YSI.com/ColorVis](https://www.ysi.com/ColorVis)

The **ColorVis** is a reagent-free, optical-based spectrophotometer designed for accurate, continuous color measurement in water. This UV-VIS sensor seamlessly integrates with the IQ SensorNet system.



256 wavelength scans per measurement deliver better accuracy and effective interference compensation.



UVT-254 measurement determines UV light intensity and contact time for disinfection, reducing facility costs.



Factory-calibrated for specific wastewater applications with optional user calibration for added flexibility.



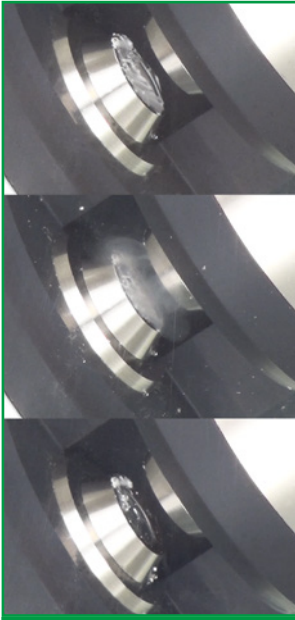
UltraClean™ technology minimizes maintenance with ultrasonic cleaning.



2-year factory warranty included, with an optional 5-year extended warranty for long-term peace of mind.



a xylem brand



Cleaning effect of the YSI ultrasonic technology.



The ColorVis with a 5 mm gap.

General

Calibration Capability	Factory calibrated; user calibration available
Wavelength Range	200-390 nm or 200-720 nm
Interfaces	N/A
Flow Rate	< 10 ft/s (3 m/s)
Response Time	User selectable 3 to 60 minutes
Lightning Protection	Yes
Power Consumption	8 W Max
Maximum Pressure	1 bar (14.5 psi) with sensor connection cable
Electrical Connections	2-wire shield cable with quick sensor connection
Conformance Certifications	CE, cETLus, UKCA UL 61010-1, CAN/CSA C22.2 #61010.
Temperature Conditions	32 °F to + 113 °F (0 °C to + 45 °C)
Material	Titanium Grade 2, PEEK, Sapphire glass
Protection Class	IP-68; waterproof
Dimensions	30.5 L x 2.4 D inch (774 L x 60 D mm)
Weight	8.4 lbs. (3.8 kg)
Warranty	2 years

Technical Data

Range (5 mm Gap)

Hazen 340	8 to 1050 mg/L Pt/Co
Hazen 350	8 to 1150 mg/L Pt/Co
Hazen 390	8 to 2100 mg/L Pt/Co
Hazen 445	150 to 10000 mg/L Pt/Co
Hazen 455	150 to 10000 mg/L Pt/Co
Hazen 465	150 to 10000 mg/L Pt/Co
ISO 410	20 to 5300 mg/L Pt/Co

YSI, a Xylem brand
1725 Brannum Lane
Yellow Springs, OH 45387

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+1.937.767.7241
info@ysi.com
YSI.com



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