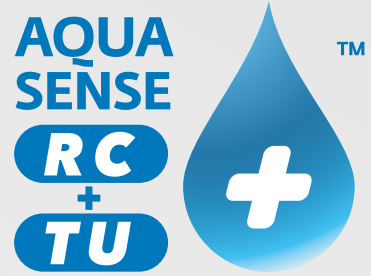


**CHLORINE & TURBIDITY
ONLINE ANALYZER**





CHLORINE & TURBIDITY ONLINE ANALYZER

Aquasense RC+TU enables the user to measure online residual chlorine and turbidity with a high level of accuracy and stability in drinking water applications.



Reliable, Low maintenance design



Cl - Measuring range of 0 to 20 ppm



Turbidity - Measuring range of 0 to 400 NTU

Optional



Integrated GPS & 4G Modules



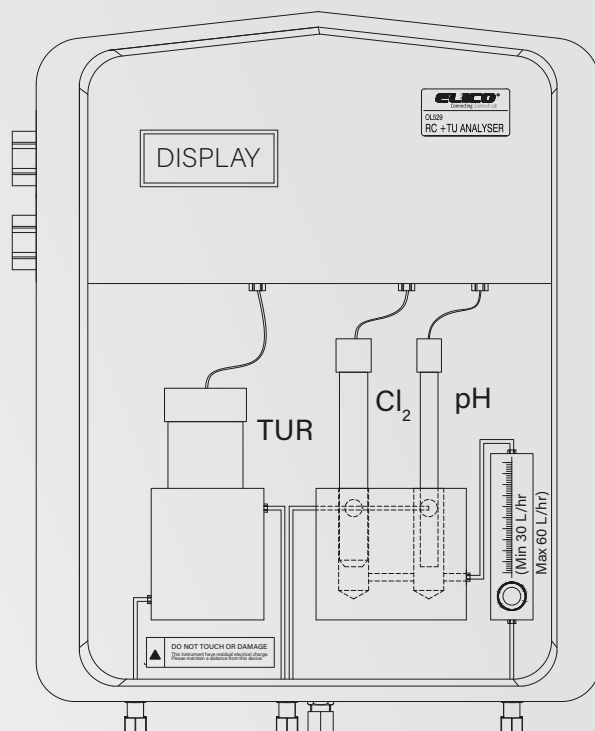
Realtime SMS Alerts



Solar Power



Analysis and Reporting



Salient Features

Reagent free Amperometric measurement technique

Combines with pH probe for pH compensation

Automatic Temperature compensation

High accuracy & stability

Long life with inexpensive replaceable membrane and electrolyte

Nephelometry (90° light scattering detection) technique for turbidity measurement

No zero calibration

Reliable, Low maintenance design

Optional Features

Solar/battery powered - fully independent from main electricity supply with battery box attachment

60 Hours of battery backup with full charge

Integrated GPS & 3G/4G modules for location tracking and upload data to cloud server

Remotely monitor the RC & Turbidity in water from a centralized platform

Real-time alerts over SMS

Customized Online Reports

Real time & Historical data, trends

Dashboard, reports and export functionality

Specifications

RESIDUAL CHLORINE

Measurement Method	Amperometric
Measurement Range	0-2 / 0-5 / 0-10 / 0-20 mg/L
Accuracy	0.1 ppm or $\pm 1\%$ of FS whichever is greater
Reproducibility	± 0.05 mg/L
Response Time	< 90sec
Sample Flow	30-60 L/Hr
Calibration method	One-point calibration using DPD method

TURBIDITY

Measurement Method	Nephelometry
Measurement Range	0-40, 0-100, 0-200, 0-400 NTU
Accuracy	$\pm 1\%$ of FS
Temperature Range	-10 to +60°C
Pressure	4 bar
Calibration Method	Formazine standard solution calibration

General Parameters

Display	Backlight LCD
Standard Outputs	Two 0/4-20 mA Outputs (max load 900Ω) RS-485 with Modbus
User Alarms	Two programmable alarms (5A @ 240V)
Power Requirement	230V $\pm 10\%$ AC. 50-60Hz, 1Φ
Enclosure material	Fibre reinforced polyester
Enclosure Rating	IP64 rated for outdoor installation
Process connection	Female thread G1/8 or as per site requirement
Electrical connections	Screw Terminal
Installation	Wall or Panel mounted
Cellular Network (Optional)	Dual band GSM/GPRS/EDGE 900/1800MHz Multiband LTE-TDD, LTE, FDD < WCDMA SIM Card interface

* Specifications are subject to change without notice as part of continuous improvement

Celebrating 60 years
of our Journey



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