THE FUTURE OF WATER TREATMENT TESTING

HOW E-SENS™ WORKS

The e-Sens™ autonomous water testing platform automatically provides 23 parameters on a single water sample and sends results automatically. It connects directly to your process line using a simple quick-connect fitting.



AUTOMATIC SAMPLING → **LABORATORY ACCURACY** → **AUTOMATIC REPORTING** → **REMOTE ACCESS**

MEASURED PARAMETERS

Parameter	Operating Range
pH	5.00 to 11.00
ORP	-1000 to 2000
Conductivity	50 to 2500
Total Dissolved Solids	25 to 1250
Free Chlorine	0.07 to 5.00
Monochloramine	0.07 to 5.00
Total Chlorine	0.07 to 5.00
Ammonium	0.07 to 5.00
Free Ammonia	0.07 to 5.00
Chlorine : Ammonia Ratio	0.01 to 100.00
Nitrification Capacity	0.07 to 10.00
Calcium Hardness	5 to 1000
Total Hardness	5 to 1000
Ionic Calcium	3 to 400
Sample Temperature	2.0 to 45.00
Dissolved Carbon Dioxide	0.05 to 50
Total Alkalinity	10 to 325
Langelier Saturation Index	-10 to 10.00
Ryznar Stability Index	0 to 12.00
Dissolved Inorganic Carbon	1 to 200
Aggressive Index	7.00 to 15.00

TECHNICAL SPECIFICATIONS

Power Requirements	110V AC, 50/60 Hz
Power Consumption	25 W (Typical)
Mounting	Horizontal (Quick Connect Fitting) 3/8" OD Tubing
Communication	WIFI, Ethernet, Cellular
Enclosure Rating	NEMA 4X
Certifications	CE, RoHS, FCC
Cartridge Capacity	100 Tests p/cartridge
Digital Input	Confirm with AquaCore

CARTRIDGE OPTIONS

Choose the cartridge that fits your application.

23 FULL LIST
Measures all 23 parameters for a complete water quality profile.

DISINFECTION
(Chlorine. Monochloramine. etc.) Focuses on disinfection monitoring for drinking water and process applications.

COOLING TOWER SPECIFIC
Engineered for cooling tower applications with parameters critical to scale, corrosion and microbial control.