

Hydrolab Sensor Methods

Sensors that are used in Hydrolab HL Series, Series 5, and Quanta are designed to follow the following methods:

Parameter	HL Series	Series 5	Quanta	Method
Temperature	✓	✓	✓	SM 2550
Specific Conductivity	✓	✓	✓	SM 2520-B
pH	✓	✓	✓	SM 4500-H ⁺
Dissolved Oxygen, Hach LDO® (Luminescent Dissolved Oxygen)	✓	✓	NA	ASTM D888 (Method C)
Dissolved Oxygen, Clark Cell	NA	✓	✓	SM 4500-O
Turbidity, Self-Cleaning	✓	✓	NA	ISO 7027
Turbidity, 4-Beam	NA	NA	✓	GLI Method 2
ORP (Oxidation Reduction Potential)	✓	✓	✓	SM 2580-A
Nitrate	✓	✓	NA	SM 4500
Ammonium	✓	✓	NA	SM 4500-NH ₃
Chloride	✓	✓	NA	SM 4500-Cl ⁻
TDG (Total Dissolved Gas)	✓	✓	NA	SM 2810

Notes:

NA means not available

SM refers to the method described in Standard Methods for the Examination of Water and Wastewater

ASTM refers to ASTM International

ISO refers to the International Organization for Standardization

GLI refers to Great Lakes Instruments

Ion Selective Electrodes (nitrate, ammonium, and chloride) standard method compliance requires the user to treat the sample according to the prescribed procedure