

**pH/EC80 / pH630**  
**pH618N / pH619 / EC330**  
**EC331 / ORP628N**

The VisionPlus tester series offers users accurate water quality readings and advanced water quality functionality in an ultra-portable form factor.

Specifications

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618P



330P



331P



628P

pH/EC80



pH630



pH618N



pH619



ORP628N



EC330



EC331



Parameters	pH & Cond & TDS & Salt Temp	pH & Temp	pH & Temp	pH & Temp	pH & Temp	Cond & TDS & Temp	Cond & Resistivity & Temp
Range	0.00 ~ 14.00 pH (pH) 0μS/cm ~ 20.00 mS/cm (Cond) 0 mg/L ~ 20.00 g/L (TDS) 0.0 ~ 10.0 ppt (Salt)	0.00 ~ 14.00 pH	0.00 ~ 14.00 pH	0.00 ~ 14.00 pH	±1100 mV	0 μS/cm ~ 20.00 mS/cm (Cond) 0 mg/L~10.00 g/L (TDS)	0.1 μS/cm ~199.0 μS/cm (Cond) 1.0~20.0 MΩ (Resistivity)
Resolution	0.01 pH (pH) 1 μS/cm, 0.01 mS/cm (Cond) 1 mg/L, 0.01 g/L (TDS) 0.1 ppt (Salt)	0.01 pH (pH)	0.01 pH (pH)	0.01 pH (pH)	1 mV	5 μS/cm, 0.05 mS/cm, 0.10 mS/cm (Cond) 5 mg/L, 0.05 g/L, 0.10 g/L (TDS)	0.1 μS/cm, 0.5 μS/cm, 1.0 μS/cm (Cond) 0.1 MΩ (Resistivity)
Accuracy	±0.01 pH (pH) ±1% F.S. (Cond) ±1% F.S. (TDS) ±1% F.S. (Salt)	±0.02 pH ± 1 digit	±0.01 pH	±0.02 pH ± 1 digit	±1 mV ± 1 digit	±1% F.S.	±1% F.S.
Temp Range	-5.0 ~ 60 °C ( 23 ~ 140 °F )	-9.9 ~ 99.9 °C ( 14.2~212 °F )	0.0 ~ 99.9 °C	-10.0 ~ 100.0 °C ( 14.0~212.0°F )	-10.0 ~ 100.0 °C ( 14.0~212.0°F )	0.0 ~ 99.5 °C ( 32 ~ 212 °F )	0.0 ~ 99.5 °C ( 32 ~ 212 °F )
Temp Resolution	0.1 °C ( 0.1 °F )	0.1 °C or ( ≤ 99.9 °F, 0.2°F; > 99.9 °F, 1 °F )	0.1 °C	0.1 °C	0.1 °C ( 0.2 °F )	0.5 °C ( 1 °F ) ±	0.5 °C ( 1 °F ) ±
Temp Accuracy	±0.5 °C ( ±0.9 °F )	±0.3 °C or ( ≤ 99.9 °F, 0.2°F; > 99.9 °F, 1 °F )	±0.1 °C	±0.1 °C	±0.3 °C ( ±0.6 °F )	±0.5 °C ( ±1 °F )	±0.5 °C ( ±1 °F )
Calibration	Up to 3 points (pH) , 1 point (Cond)	Up to 3 points	Up to 3 points	Up to 3 points	1 point	1 point	1 point
Input Impedance	1 X 10 <sup>12</sup> Ω	1 X 10 <sup>12</sup> Ω	1 X 10 <sup>12</sup> Ω	1 X 10 <sup>12</sup> Ω	NA	NA	NA
Reference Temperature	15.0 ~ 25.0 °C	NA	NA	NA	NA	25 °C	25 °C
Temperature Coefficient	0.00% ~ 4.00%	NA	NA	NA	NA	1.91%/ °C	1.91%/ °C
TDS Factor	0.30 ~ 1.00	NA	NA	NA	NA	0.50	0.50
Screen	Graphic LCD	Segment LCD	Graphic LCD	Graphic LCD	Graphic LCD	Segment LCD	Segment LCD
Data Memory	50	NA	50	50	50	NA	NA
Waterproof	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Power Supply	LR 44 X 4	LR 44 X 4	LR 44 X 4	LR 44 X 4	LR 44 X 4	LR 44 X 4	LR 44 X 4
Battery Life	50 hrs	200 hrs	200 hrs	200 hrs	200 hrs	100 hrs	100 hrs
Dimensions	200 X 44 X 25 mm	200 X 44 X 25 mm	200 X 44 X 25 mm	200 X 44 X 25 mm	200 X 44 X 25 mm	200 X 44 X 25 mm	200 X 44 X 25 mm