



HTA INSTRUMENTATION (P) LTD.,

An ISO 9001: 2015 Certified Company & NABL Accredited Calibration Laboratory as per ISO/IEC 17025:2005

Your One Stop For Instrumentation Supply, Automation & Calibration

73, Ramachandra Agrahara, Near T.R. Mills, Chamarajpet, Bangalore - 560018, INDIA.

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Specifications

EQ - pH/ORP-5520

Model		EQ-pH/ORP-5520 Series pH/ORP Online Transmitting Controller
Measurement Range	pH (Measuring Range)	0.00 ~ 14.00pH (specific ideal working range form (2~12 pH) Anything for low acidic (< 2) or High Alkaline (>12), Separate Electrode to be ordered
	ORP	-2000mV ~ 2000mV
	Temp.	(0.0 ~ 50.0) °C (Temperature compensation component : NTC10K)
Resolution	pH	0.01 pH
	ORP	1mV
	Temp.	0.1 °C
Accuracy	pH	0.1 pH
	ORP	±5 mV (Electronic unit)
	Temp.	±0.5 ° C
Approximate input impedance		3×10 ¹¹ Ω
Buffer Recognition		pH value : 10.00; 9.18 ; 7.00 ; 6.86 ; 4.01 ; 4.00
Temp. Compensation Range		(0 ~ 50) °C (with 25 °C as standard) Manual and Automatic Temperature Compensation
(4~20)mA	Characteristics	Isolated, fully adjustable, reversible, instrument / transmitter for selection
	Loop Resistance	500Ω (Max), DC 24V
	Accuracy	±0.1mA
Control Contact	Electrical Contacts	Double Relay SPST-NO, return model
	Loop Capacity	AC 220V/AC 110V 2A (Max); DC 24V 2A (Max)
Power Consumption		<3W
Working Environment	Temperature	(0~50) °C
	Humidity	≤ 85%RH (non condensing)
Storage Environment		Temp.(-20-60) °C ; ≤ 85%RH (non condensing)
Probe		Electrode Included (EQ-pH-1110A/B) (EQ-ORP-1110A/B)
Outline Dimension		96mm × 96mm × 105mm (H×W×D)
Panel Cutout Dimension		91mm × 91mm (H×W)
Installation		Panel Mounted, fast installation



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