



Parameter	Item	Specification
pH	Measuring Range	-2.00 to 18.00 pH
	Resolution	0.1 / 0.01 pH
	Accuracy	Electrode: ±0.01 pH; Instrument: ±0.02 pH
	Input Current	≤ 2 × 10 ⁻¹² A
	Input Impedance	≥ 1 × 10 ¹⁰ Ω
	Stability	±0.02 pH
	Temperature Compensation	0 – 100 °C (Automatic / Manual)
mV / ORP / EH	Measuring Range	-1999.9 to +1999.9 mV
	Resolution	0.1 mV
	Accuracy	±0.03 % FS
Conductivity	Measuring Range	10.00-20.00 μS/cm; 20.0-2000 μS/cm; 200-2000 μS/cm; 2.00-20.00 mS/cm; 20.0-200.0 mS/cm; 200-2000 mS/cm
	Resolution	0.01 / 0.1 / 1 μS/cm; 0.01 / 0.1 / 1 mS/cm
	Accuracy	Electrode: ±0.5% FS; Instrument: ±2.0% FS
	Temperature Compensation	Automatic (0 – 50 °C)
	Electrode Constant	K = 10
	Reference Temperature	25 °C
	Resistivity	10 – 100 MΩ·cm
	TDS	0 – 100 g/L
	Salinity	0 – 100 ppt
Dissolved Oxygen	Measuring Range	0 – 20.00 mg/L (ppm); 0 – 200.0 %
	Resolution	0.1 / 0.01 mg/L; 1.0 / 0.1 %

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com

Parameter	Item	Specification
	Accuracy	Electrode: ± 0.10 mg/L; Instrument: ± 0.40 mg/L
	Response Time	≤ 30 s (90% response)
	Residual Current	≤ 0.01 mg/L
	Temperature Compensation	0 – 45 °C (Automatic)
	Salinity Compensation	0 – 45 ppt (Automatic)
	Pressure Compensation	80 – 1016 kPa (Automatic)
	Calibration	Air saturated by water / Water saturated by air
	Electrode Type	Polarographic
Temperature	Measuring Range	-10 to 100 °C
	Resolution	0.1 °C
	Accuracy	± 0.4 °C (≤ 60 °C); ± 0.8 °C (others)
Other Parameters	Data Storage	500 Groups
	Power Requirements	DC 12 V / 1 A
	Communications	USB, Wireless, Bluetooth
	Dimensions & Weight	240 × 170 × 70 mm / 600 g
Working Conditions	Ambient Temperature	5 – 35 °C
	Ambient Humidity	≤ 85 % RH
Protection	IP Grade	IP54
Standard Configuration	Main Unit	1 Unit – S-630 Analyzer
	pH Electrode	Composite pH Electrode – 1 pc
	Electrode Holder	Rotary Electrode Holder – 1 pc
	Calibration Buffer	pH Calibration Buffer – 1 set
	Conductivity Electrode	1 pc
	DO Electrode	1 pc
	DO Inner Solution	30 mL – 1 bottle
	Membrane Cap	3 pcs
	Power Adapter	12 V Power Adapter – 1 pc
	Manual	Brief Operating Manual – 1 copy

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com