

**SPECIFICATION FOR BENCH TYPE pH/ORP Meter**

1	Measurement	:	PH and ORP
2	pH Range	:	0.00 to 14.00 pH
3	pH resolution	:	Upto 2-digit resolution (0.01pH)
4	pH accuracy	:	$\pm 0.02\text{pH}$
	Meter repeatability	:	Within
5	ORP (mV) Range	:	$\pm 1999\text{mV}$
6	ORP Resolution	:	0.1mV upto $\pm 199.9\text{mV}$ 1mV > $\pm 199.9\text{mV}$
7	ORP Accuracy	:	$\pm 0.2\text{mV}$ upto $\pm 199.9\text{mV}$ $\pm 2\text{mV}$ > $\pm 199.9\text{mV}$
8	Temperature measurement Range	:	0 to 70 deg. C
9	Temperature Probe	:	To be provided
10	Temperature Resolution	:	0.1 deg. C
11	Temperature accuracy	:	0.3 deg. C
12	Auto Temp. Compensation	:	Inbuilt (Enabled/disabled by menu)
13	Calibration buffer Option	:	USA, NIST or User defined buffer range USA(pH: 1.68, 4.01, 7.00, 10.01, 12.45) NIST (pH: 1.68, 4.01, 6.86, 9.18, 12.45) User Defined: Any value within 0 to 14pH range
14	Calibration points	:	1, 2 or 3 Points (selected through menu)
15	Display	:	Backlit LCD display of pH/mV and Temp.
16	Compatible electrode/Sensor*	:	1. Analog type combined pH glass 2. Analog type combined ORP electrode
17	Electrode Interface	:	BNC connector
18	User interface	:	LCD display panel with programming keys. User can perform following function from menu 1. Meter calibration 2. Temp. Compensation (Auto/Manual)
19	Power supply	:	230V AC
20	Operating environment	:	Temp.: 2 to 55 deg. C, Humidity: upto 100% RH, with acid fumes
21	Enclosure	:	Suitable for dusty and Humid environment
22	Mounting	:	Outdoor under shed
23	Accessories	:	1. One No. of double junction pH electrode with BNC connector 2. One No. of ORP electrode with BNC connector 3. Temperature Compensation probe 4. Electrode Holder Arm 5. Power Adaptor for
24	Warranty	:	2 Years from the date of Supply.
24	Make	:	E&H, Eutech, Thermo Scientific, Hanna Instruments, M & T

*Rath Kumar*