

# Digital pH Meters

ZI 14001



## Digital pH Meters : ZI 14001

Digital pH Meters are ideal instruments for determination of pH value of any solution. The results are displayed on 3½ digit display. These are unique instruments that combine convenience with accuracy and precision in analysis. The temperature compensation facility, both automatic and manual is available. The measurement ranges is from 0 to 14 pH with a resolution of 0.01 pH. These are extremely useful instruments for agriculture and soil analysis laboratories, swimming pools, fertilizer plants, chemical industries, pharmaceutical industries, petroleum refineries, textile plants etc.

### **FEATURES :**

- Measures pH & mV
- Highly Stable and Accurate
- Auto Temperature Compensation Facility
- Auto Polarity & Decimal Indication
- Battery & Mains Operated available

## **SPECIFICATIONS**

<b>Model</b>	<b>ZI 14001</b>	<b>ZI14002</b>	<b>ZI 14003</b>	<b>ZI 14004</b>
Display	3½ Digit LED	3½ Digit LED	3½ Digit LED	3½ Digit LED
Range (pH,mV)	0 to 14.00, 0 to ±1999	0 to 14.00, 0 to ±1999	0 to 14.00, 0 to ±1999	0 to 14.00, 0 to ±1999
Resolution (pH,mV)	0.01, 1	0.01, 1	0.01, 1	0.01, 1
Accuracy (pH,mV)	±0.01 pH, ±1 mV	±0.01 pH, ±1 mV	±0.01 pH, ±1 mV	±0.01 pH, ±1 mV

Temperature Compensation	Auto : 0 to 100°C Manual : 0 to 100°C	Manual : 0 to 100°C	Manual : 0 to 100°C	-
Input Impedence	> 10 <sup>13</sup> ohms	> 10 <sup>13</sup> ohms	> 10 <sup>13</sup> ohms	-
Slope Control	80 to 120%	80 to 120%	80to120% Pre adjustable	-
Recorder Output	0 to 10mV/pH 0 to 10 mV/100 mV adjustable	0 to10mV/pH 0 to 10 mV/100 mV adjustable	-	-
Power	230V±10% AC, 50 Hz	230V±10% AC, 50 Hz	1 x 9 V Battery	No Power Required
Dimensions	76 x 275 x 175mm	76 x 275 x 175mm	85 x 165 x 28mm	Conical
Sensor		Combined pH Electrode		In-built Metallic Electrodes

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