



(An ISO 9001:2008 Certified Company)

Digital pH Meters

Economical, Accurate, Rugged, Reliable and Stable Instruments for Laboratory & Field Use



VSI-01



VSI-01C



VSI-01ATC

- ❖ Measures pH & mV (VSI-01 & VSI-01ATC)
- ❖ Measures pH, Conductivity & Temp. (VSI-01C)
- ❖ Highly Stable & Accurate
- ❖ Auto Temperature Compensation Facility (VSI-01ATC & 02ATC)
- ❖ 3½ Digit LED/LCD Display
- ❖ Laboratory & Field Models

VSI Electronics Pvt. Ltd.



VSI-02ATC

DIGITAL pH METER

pH (per Hydrogenium), the measure of hydrogen ion concentration, and hence the acidity or alkalinity of a solution. It is expressed on a scale of numbers ranging from 0 (corresponding to extreme acidity) to 14 (corresponding to extreme alkalinity).

Today, the pH Meter is an indispensable instrument in every chemical laboratory, to carry out pH measurements. VSI presents four models of pH Meter that incorporate the latest technological advancements. These are ideal, elegant, rugged and versatile instruments for fast and accurate pH and mV measurements in any laboratory.



VSI-02

TECHNICAL SPECIFICATIONS

MODEL	VSI-01 (Lab Model)	VSI-01ATC (Deluxe Lab Model)	VSI-02 (Portable Model)	VSI-02ATC (Portable Model)	VSI-01C (Lab Model)
RANGE pH : mV :	0 to 14 pH 0 to ± 1999 mV	0 to 14 pH 0 to ± 1999 mV	0 to 14 pH - NA-	0 to 14 pH - NA-	pH : 0 to 14 pH Cond. : 0 µS/cm to 1000 mS/cm Temp. : 0°C to 100°C
DISPLAY	3½ digit LED	3½ digit LED	3½ digit LCD	3½ digit LCD	3½ digit LED
ACCURACY pH : mV :	± 0.01pH ± 1 digit ± 1mV ± 1 digit	± 0.01pH ± 1 digit ± 1mV ± 1 digit	± 0.02pH ± 1 digit - NA-	± 0.02pH ± 1 digit - NA-	pH : ± 0.01pH ± 1 digit Cond. : 0.5%FSD ± 1 digit Temp. : ± 0.5°C ± 1 digit
RESOLUTION	0.01pH, 1 mV	0.01pH, 1 mV	0.01pH	0.01pH	pH : +0.01 pH Cond. : +0.01 µS Temp. : 0.1°C
TEMPERATURE COMPENSATION	0°C to 100°C (Manual)	0°C to 100°C (Automatic)	0°C to 100°C (Manual)	0°C to 100°C (Automatic)	pH : 0 to 100°C (Manual)
AMBIENT TEMP.	10°C to 50°C	10°C to 50°C	10°C to 50°C	10°C to 50°C	10°C to 50°C
RECORDER OUTPUT	100mV/pH	- NA-	- NA-	- NA-	- NA-
POWER SUPPLY	230V±10%, 50Hz AC	230V±10%, 50Hz AC	9V Battery / Mains Optional	9V Battery / Mains Optional	230V±10%, 50Hz AC
STANDARD ACCESSORIES	Combined pH Electrode, Electrode Stand, Buffer Solutions & Instruction Manual.	Combined pH Electrode, ATC Probe, Electrode Stand, Buffer Solutions & Instruction Manual.	Combined pH Electrode, Buffer Solutions & Instruction Manual.	Combined pH Electrode, ATC Probe, Buffer Solutions & Instruction Manual.	Combined pH Electrode, Conductivity Cell, Temperature Probe, Stand with Clamp, Standard Solutions, & Instruction Manual.

OPTIONAL/ADDITIONAL ACCESSORIES ON REQUEST

VSI-BE - Battery Eliminator for VSI-02 & VSI-02ATC Models	VSI-P3 - Electrode Solution 100 ml.
VSI-P1 - Combination pH Electrode	VSI-P4 - Electrode Stand
VSI-P2 - Standard Solution 4.00 / 7.00 / 9.20pH (100ml.)	VSI-P5 - ATC Probe for pH Meter

Specifications & designs are subject to change due to continuous R&D

Manufactured by :

VSI ELECTRONICS PVT. LTD.

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