

**Product Name :**  
Astra Portable PH Meter

**Product Code :**  
ASTRALAB-SUPPLYA19001



**Description :**

Astra Portable PH Meter

**Technical Specification :**

The pH meter works on the principle of a galvanic battery. The electromotive force between the two electrodes of the galvanic battery is based on Nernst's law, which is not only related to the properties of the electrodes, but also related to the concentration of hydrogen ions in the solution. There is a corresponding relationship between the electromotive force of the primary battery and the hydrogen ion concentration, and the negative logarithm of the hydrogen ion concentration is the pH value. The pH meter is a common analytical instrument, which is widely

used in agriculture, environmental protection and industry. Soil pH is one of the important basic properties of soil. Factors such as the temperature and ionic strength of the solution to be tested should be considered during the pH measurement. c

4.3? TFT colorful touchscreen.

1-5 points calibration with auto-buffer recognition.

Selectable pH buffer groups, including NIST, DIN, GB;

User-defined pH buffer or buffer group is supported.

Automatic Electrode diagnosis with pH slope and offset display.

Multi-reading feature allows auto-read, timed-read and continuous-read.

Automatic/Manual temperature compensation ensures accurate results.

Auto-hold feature senses and locks the measurement endpoint.

Over 10 settable parameters, including date and time, number of calibration points, stability criteria, temperature unit, etc.

Data capacity of up to 1000 sets (GLP-compliant).

Data can be transferred to PC or printer by USB communication interfaces.

Auto-power off feature effectively extends the battery usage time.

Reset feature automatically resumes all settings back to factory default options.



## Astra Scientific

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