

JENCO VisionPlus pH 618 (pH & Temperature)

No gimmicks. Just an accurate, easy to use pH pen meter packed with unique and useful features.

Ease-of-use Is Top Priority

- **Graphical LCD provides on-screen menu selection** for manual-free, easy operation.
- **On-screen messaging** displays useful information such as meter status, buffer selection and operation modes. No more guess work involving cryptic indicators or flashing digits.
- **4-button keypad provides intuitive operation** with separate buttons for data hold, calibration, data memory storage and memory retrieval.

Designed for Fast and Accurate pH and Temperature Readings*

- Glass bulb electrode exposes **more measuring surface** to solution for fast response time.
- **Surface mounted temperature element** improves temperature accuracy and response time.
- **Indicates exact date and time** of last calibration so users can decide optimal maintenance schedule.

Other Unique Features

- **50 memory storage** of both pH and temperature readings with memory location ID and date and time stamp.
- **Real-time date and time** display.
- Large temperature range for **wide range of applications**.
- Belt clip which also attaches to neck strap.
- 2 year warranty.

(More useful features on next page)



More Useful Features

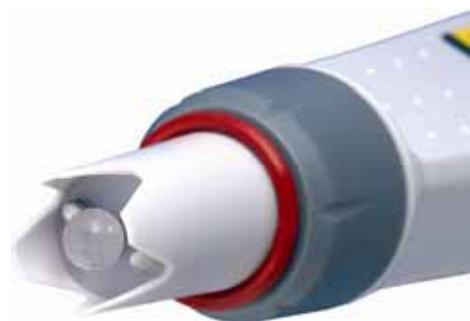
- Clear LCD displays pH and temperature at the same time, along with meter status, calibrated buffers, status, date and time.
- 1, 2, or 3 point calibration, with automatic buffer recognition of US and NIST buffer sets.
- Calibration data is stored in memory, ready for use on power up, even when batteries are removed.
- Readings are automatically compensated for temperature (ATC).
- Data hold for convenient reading.
- Watertight case is ideal for rugged use. Protective cover for pH electrode is included.
- Conventional round bulb pH electrode module for improved contact with solution.
- Replaceable electrode module ensures extended usefulness.
- Electrode guard protects an already rugged pH electrode module.
- Available in °C or °F models.
- Auto power off.
- Battery low indicator.



Convenient size and easy to use. 4 intuitive buttons and graphical LCD with on-screen menu.



Eye-catching packaging includes VisionPlus pH 618 meter, pH electrode module with cap and belt clip.



Glass bulb electrode and surface temperature sensor expose more measurement surface for accurate readings and fast response.

Specifications

pH and Temperature Readings

pH Range	0.00 to 14.00 pH
pH Resolution	0.01 pH
pH Accuracy*	±0.02 pH ± 1 LSD *
Temperature Range	0.0 to 99.9 °C / 32.0 to 211.8 °F
Temperature Resolution	0.1 °C / 0.1 °F
Temperature Accuracy*	±0.3 °C / ±0.6 °F*

pH

pH Buffer Recognition	pH 7.00, 4.01, 10.01 or pH 6.86, 4.00, 9.18
pH Temperature Compensation	AUTO from 0.0 to 99.9 °C
pH Calibration	1, 2 or 3 point calibration
pH Buffer Temperature Range	0.0 to 60.0°C
pH Electrode Offset Recognition	±90 mV at pH 7.00 +98.3 mV to -81.7 mV at pH 6.86
pH Electrode Slope Recognition	±30% at pH 4.00, 4.01, 9.18 and 10.01
Input Impedance	>10 ¹² Ω

Temperature

Temperature Sensor	Thermistor, 10 kΩ at 25°C
Temperature Unit	°C or °F, default in factory

***Note:** A ±0.3 °C temperature accuracy translates into ± 0.007 in pH error, which rounds to ±0.01 pH. This combined with ±0.01 error from other sources gives a total pH accuracy of ±0.02. Comparatively, ±1 °C temperature accuracy translates into ± 0.024 in pH error, which rounds to ±0.02 pH plus other errors. Jenco accurately reports its pH accuracy.

General

Display	98 x 64 graphical LCD
Data Storage	50 sets with date/time stamp and data ID
Calibration Data Backup	Yes
Data Hold	Yes
Power	Meter: LR44 x 4 / Timer: CR2032
Battery Life	Meter: 30~40 Hours / Timer: 5 years
Auto Power Off	After 10 minutes of inactivity
Ambient Temperature Range	0.0 to 50.0 °C
Display	98x64 graphic LCD
Case	Watertight case
Weight	105 g

Ordering Information

618C	Jenco VisionPlus pH 618 meter with pH electrode module and belt clip, °C.
618F	Jenco VisionPlus pH 618 meter with pH electrode module and belt clip, °F.
618P	Replacement pH electrode module
6B4	pH 4 buffers, 10 tablets
6B7	pH 7 buffers, 10 tablets
6B10	pH 10 buffers, 10 tablets