

## Ion Meter YKT-824



### Instrument features:

1. 7-inch large color touch screen, easy-to-use graphical interactive interface design, automatic screen-off design, impact-proof, scratch-proof, UV-proof, used with laboratory gloves, easy to clean and maintain, with rich test parameter information, easy to operate, and more intuitive and clear viewing results.
2. The compact and exquisite independent electrode holder makes the experimental operation more flexible. Built-in Chinese and English operating system, time setting, adjustable brightness, and switchable temperature units.
3. pH supports 0.001pH, 0.01pH and 0.1pH, and mV supports 0.01mV, 0.1 mV and 1mV three accuracies can be freely selected. Built-in H<sup>+</sup>, Ag<sup>+</sup>, Na<sup>+</sup>, K<sup>+</sup>, NH<sub>4</sub><sup>+</sup>, Cl<sup>-</sup>, F<sup>-</sup> and other conventional ions, automatic identification of buffer solutions, support self-construction, mg/L, g/L, mol/L, PX and other ion concentration units quickly switch, direct reading concentration method measurement, standard addition method measurement, sample addition method measurement, GRAN method measurement.
4. It has a data statistics function, allowing users to count, view, delete, analyze, save and print the measurement results, in compliance with GMP, data traceability, support self-diagnosis information, firmware upgrade, power-off protection and factory reset, and meets the IP54 protection level design.



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5. Fully automatic temperature compensation, support manual temperature compensation, automatic identification of standard solution, intelligent judgment of electrode usage status.

6. It has a USB interface, supports data export, the instrument is equipped with a Bluetooth module, supports wireless Bluetooth printing, and transmits data via PC or mobile phone APP, which is convenient for users to operate.

### **Instrument parameters:**

Instrument level: 0.01 level

Measurement range: pH/pX: (-2.00~20.99) pH/pX

mV: -2000~2000mV

Ion concentration: (0~19990), unit, mg/L, g/L, mol/L

Temperature: (0~100.0)°C

Basic error: pH/pX:  $\pm 0.01$ pH/pX,

Ion concentration:  $\pm 0.5\%$

Temperature:  $\pm 0.2^{\circ}\text{C}$

Data storage: 1800 groups

Communication interface: USB2.0, Bluetooth, PC connection, mobile phone APP

Power supply: 12V1A