

# FJA-3 electrochemistry ion analyzer

(The interface of electrochemistry sensor and PC)

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The FJA-3 electrochemistry ion analyzer (It is one part of MIA-6 routine analysis instrument workstation) consists of the electrode system, The high-impedance A/D converter, interface, computer, applications program and so on.



## 1. applicable range:

(1) the ion electrode (contains the pH electrode), may make pH and the ion electrode analysis uses, to altogether have the two point calibration method, the standard addition method, the double standard addition method, the calibration cover method, the Gran's plot, pH and ORP (EH) determines seven application software.

(2) temperature- conductivity measurement.

(3) temperature- salt measurement.

(4) the temperature- dissolves oxygen measurement.

(5) cooprat with the luminosity method instrument, to have the spectrophotometer; The flame photometer ; The atomic absorption spectrophotometer.

The above application altogether has 14 application software, sees the total menu.



## 2. Main technical performance and characteristic:

(1) Signal voltage measuring range: -1999.9mV~1999.mV

Smallest reading: 0.1mV, auto-distinguishing polarity

(2) Accuracy of measuring voltage: 0.025%  $\pm$  2 character of the reading.

(3) Input impedance:  $>10^{12} \Omega$

(4) the RS232 standard communication (also may use the USB connection through transformation),

(5) the determination result can save the hard disk, and the printing, and can transfer and the revision.

(6) The interface volume is small, the integration rate is high. Is advant ageous for carries.

(7) one machine multi-function, avoids duplicating disposes. Specially suits the university related specialized undergraduate course and the faculty students makes the test and the experiment.