# FJA-3 electrochemistry ion analyzer

### (The interface of electrochemistry sensor and PC)

#### Nanjing Zhuan-Di Instrument & Equipment CO., LTD. Academia Sinica Nanjing research institute of Soil technical service center

苗 FJA−1型常規分析仪器工作站

高子电极法

两点校正法

标准添加法

二次添加法

标准曲线法

Gran作图法

pH测量

电位测量

滴定系统

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



光度计联用

分光光度法

火焰光度法

原子吸收标准曲线法

原子吸收标准添加法

仪器初始化

仪器初始化

▶ 自动初始化

电导法

伏安法

温度电导测量

盐分测量

温度溶氧测量

仪器设置

采集測试

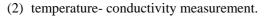
**滴定测试** 

退出

### 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 cuver method, the Gran's plot, pH and ORP (EH)determines seven application software.



- (3) temperature- salt measurement.
- (4) the temperature- dissolves oxygen measurement.



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.