

GM8009B Handheld Electro-chemical Analyzer

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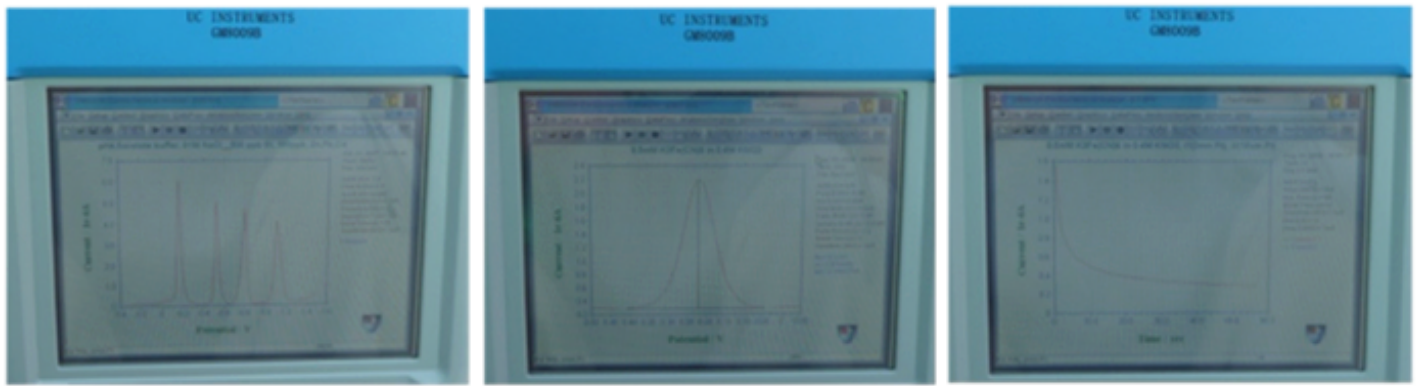
GM8009B electro-chemical analyzer is a battery powered portable instrument that can be field operated for on-site real time analysis of chemical contents in liquid. The system consists of digital function generator, digital data acquisition system, electro-chemical sensors, and embedded Windows operating system. It is a powerful yet convenient measurement system. It has many built-in analysis and graphics functions for data presentation and visualization. The system has a special RS232 interface allowing for external control and sensor interface. The system has a color touch screen which makes the system operation easy and convenient. Two USB interfaces enable both the external mouse operation and data copy to any external USB drive. The system also supports external display monitor for better data display and function demonstration. GM8009B is truly a convenient tool for real-time field measurement and analysis of chemical contents.

Features

- Quick start up: less than 2 minutes
- High resolution: up to 10 PPB
- Small amount of sample volum is required
- Onsite test and real-time result;
- Build-in over 12 difference electrochemical measurement method;
- Compact design with large color touch screen

Applications

Boi-medical research
Health care
Water pollution monitor
Blood heavy metal contamination test
Lab test instruments



Specifications

Hardware	
Potential Test Range	+/- 2.4 V
Current Range	2 mA
Following Voltage	+/- 7.5 V
Reference Pole Reference Resistor	10E12 ohm
Scan minimum voltage step	0.1 mV
Scale	1X10E-10 - 0.01A/V 9 section
Input Bia Current	<= 100 pA
Current Resolution	< 5 pA
Operation System	WIN XP
Display	5" color touch screen
Communication Ports	RS232, USB, CTR
Power	Rechargeable Battery (up to 8 hrs continue work)
Dimension	256 x 169 x 64 mm
Weight	2.5 kg
Software Function	
Scan Function	CV; LSV;
Step measurement Function	SV; DPV; NPV; DNPV; SWV
AC Test Function	ACV; SHACV
Strip Technology	LSSV; DPSV; NPSV; SWSV; ACSV; SHACSV
Other Function	i-t curve; DPA; DDPA; TPA; SSF; MPS; OCPT

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Contact Information

United States:

UC INSTRUMENTS CORP.

37498 Glenmoor Dr.

Fremont, CA 94536

USA

Tel: 1-510-366-7353

Fax: 1-510-353-1809

www.ucinstruments.com

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