

LOW CURRENT BATTERY OPERATED POTENTIOSTAT

Low current Potentiostat is a battery operated stand alone unit, with graphical display of parameters. It has two electrochemical techniques namely Cyclic Voltammetry and Chronoamperometry built into this unit.

Salient features are :-

1. Potential Range : 0-1000mV (in steps of 1mV)
2. Current Ranges : 0-100nA \pm 2nA
: 0-1000 nA \pm 2A
: 0-10uA \pm 10 nA
3. Electrode connection : 2 or 3 Electrodes
4. Data Storage : in EPROM
5. Power Supply : 9V DC battery operated
6. Interfacing : RS 232C to PC
7. Scan Rate for CV : 100 Samples/s. (40 SEC.)
8. Scan Rate for CA : 10 Samples/s.(10 minutes)
9. (Note: Scan rate is also programmable via keypad)
10. Calibration : of Tests are built into the System.

LOW CURRENT POTENTIOSTAT (MODEL LCP-1000/3/10) is a stand alone unit with large graphical display, with built-in user commands, to input all the desired parameters via front keypads and run the programmes for cv & ca. The stored data can also be transferred to PC for data analysis. Sampling rate (high/low) is programmable and editable.

Product is proprietary in nature and is basically used for BIOSEING, Electrochemical analytical applications.

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