

FUNCTION GENERATOR FOR ELECTROCHEMISTRY

Performance

This versatile model consists of a wave form suitable for electrochemistry research. This model has high accuracy and high resolution potential settings. When conducting electrochemical measurements, you can vary the electric potential/current and set on a sample with a timer. In such cases, it becomes possible to restrict the current and electrical potential of various wave forms by connecting the function generator to a potentiostat/galvanostat.

Applications:

- * Voltammetry
- * Coulometry
- * Polarization
- * Sound
- * Vibration
- * Resonance

Features

- Possible to set wave form peculiar in electrochemical measurements, such as CV, DPV, etc.
- Optional wave form (Max. 99 steps)
- Uses 16-bit high resolution DAC (1/32mV resolution at +/- 1mV)
- High setting accuracy (+/- 0.05% +/- 0.5mV of set value)
- Rich saving of sets (basic memory per each wave form + expanded memory of 8 wave forms)
- Possible to set from PC by USB connection
- External output of Start/Stop function

Specifications

Output Wave Form	Ramp wave form, CV (chopping wave), square wave, DPV, NPV, staircase, 99 step optional wave form
Range of Voltage Set	± 9999 mV
Minimum Set Value	± 1 mV
Voltage Set Range	± 10V, ± 2V, ± 1V, AUTO
Voltage Accuracy	± 0.05% ± 0.5mV of set value
Resolution	16 bit (1/32 mV at ± 1V range)
Scan Speed	0.1 mV/min ~ 9999 mV/sec
Step Holding time	0.01 ms ~ 999.99 min
Maximum Set Cycle	999 (repeats until STOP by 0 setting)
Power Requirement	AC120V, 60Hz
Physical Dimension	200 x 145 x 320mm (WxHxD)
Weight	4 kg



N600-HB305
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