N600-HABF-501A *$15,960*

POTENTIOSTAT/ GALVANOSTAT

Model N600-HABF501A is a compact sized electrochemical measuring system that incorporates a potentiostat/galvanostat, a functions generator, and a coulomb meter. This exceptional unit is suitable for use in a wide range of experiments, including laboratory study, organic electrolysis, precision synthesizing, bio-sensing, plating, and corrosion.

FEATURES:

- Measurement possible on 4 modes namely electrometer mode, potentiostat mode, galvanostat mode and unresisted ammeter mode
- Function generator and coulomb meter built-in
- Coulomb preset function (measurement shut off at designated coulomb value), Coulomb timer function (calculates coulomb value within designated time) incorporated.
- 2 current ranges (10μA range, 1μA range) are added to conventional model HABF-501
- Improved coulomb integrate accuracy (100 digit/s - 1000000 digits/s)
- Possible control and data acquisition on HABF-501A from computer using USB port (Maximum 10 samples/sec)

SPECIFICATIONS:

Potentiostat/Galvanostat			
Max. output voltage	50V	Coulomb meter	
Max. output current	1A	Measuring range	1μC ~ ±99999.99C
Set voltage		Max. measuring speed	1000000 digit/s
Range	±10V	General Specifications	
Resolution	1 mV	External dimensions	(approx. WHD mm)
Control accuracy	0.03% of FS		430 x 103 x 365
Input impedance	10 GΩ	Weight (approx. kg)	8.1
Range of detected potential	±10V	Power source	AC100V±10% 50/60Hz
Detected potential accuracy	0.03% of FS	Power consumption	3A or less
Detected current range	1A	Insulation resistance	DC500V 100M or more
Pulse mode	100 mA	Withstanding Voltage	AC1500V 1minutes
Set current range	10 mA, 1 mA,		
	100μA, 10μA, 1μA		
Detected current accuracy	±0.2% of FS