



**Introduction :**

Array 3700 series electronic load is a single input programmable DC electronic load. It provides a convenient way to test batteries and DC power supplies. It offers constant current mode, constant resistance mode and constant power mode. The backlight LCD, numerical keypad and rotary knob make it much easier to use. Up to 10 steps program can be stored. Controlled by PC is also available. It is an essential instrument for design, test and manufacture of many suitable products.

**Features :**

- ◆ LCD display with backlight
- ◆ High resolution measurement
- ◆ CC/CP/CR mode
- ◆ Number keypad and rotary knob
- ◆ Multifunction menu
- ◆ Over voltage / over current / over power / over temperature / polarity reversion protection
- ◆ 10 steps program
- ◆ Can be controlled by PC
- ◆ Can be connected in parallel

**Specifications :**

Type	3710A	3711A
Number of inputs	1	1
Input voltage	0~360V DC	0~360V DC
Input current	0~30A DC	0~30A DC
Input power	0~150W	0~300W
Voltage accuracy	0.000~3.999V : 0.2%+3mV	0.000~3.999V : 0.2%+3mV
	4.00~35.99V : 0.2%+30mV	4.00~35.99V : 0.2%+30mV
	36.0~360.0V : 0.2%+300mV	36.0~360.0V : 0.2%+300mV
Current accuracy	0.000~2.999A : 0.2%+3mA	0.000~2.999A : 0.2%+3mA
	3.00~30.00A : 0.2%+30mA	3.00~30.00A : 0.2%+30mA
Minimum resolution	Voltage 1mV, Current 1mA	Voltage 1mV, Current 1mA
Lowest Conductive Resistance	<0.08Ω	<0.08Ω
Ripple	<10mVpp	<10mVpp
Interface	RS232/RS485/USB*	
Protection	Over voltage / over current / over power / over temperature / polarity-reversion	
Program Memory	10 steps program, EEPROM	
AC Input	110V/220V AC +/-15%, 47~63Hz	
Operating environment	0~50°C, 80% RH	
Software	Electronic load software, ActiveX and DLL tools for VB, VC++, DELPHI, LABVIEW	
Weight	5.0Kg	
Dimensions	212.6mm W x 88.1mm H x 250mm D	
Standard Accessories	User's manual, AC cable, handle bars, software CD	
Optional Accessories	RS232 adapter, RS485 adapter, USB adapter, Mounting rack	