

# Programmable Electronics DC Load

## VE0173A / VE1173A



Pioneer In Test Automation



### Brief Introduction :

VE0173A / VE1173A Programmable Electronic DC Load is a single input electronic DC 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 back light LCD, numerical keypad and rotary knob make it much easier to use. Up to 10 steps program can be stored. It can also be controlled by PC. It is an essential instrument for design, test and manufacture of many suitable products. Load can be increased or decreased manually in step of 1A / 100mA / 10mA / 1mA or 0.1W / 1W / 10W or 0.1 Ohm / 1 Ohm / 10 Ohm / 100 Ohm.

### Main Functions :

- ✎ LCD display with backlight
- ✎ High resolution measurement
- ✎ Constant Current / Constant Power / Constant Resistance mode
- ✎ Number keypad and rotary knob
- ✎ Over voltage / over current / over power / over temperature / polarity reversion protection
- ✎ 10 steps program
- ✎ Can be controlled by PC

### Specification :

Type	VE0173A	VE1173A
Input Voltage (Max.)	0 ~ 360V	0 ~ 360V
Input Power (Max.)	150W	300W
Input Current (Max.)	0 ~ 30A	0 ~ 30A
Voltage Accuracy	0 ~ 3.99V ( $\pm 0.2\% \pm 3mV$ ) 4 ~ 35.99V ( $\pm 0.2\% \pm 30mV$ ) 36 ~ 360V ( $\pm 0.2\% \pm 300mV$ )	
Current Accuracy (Lower Range)	0 ~ 2.99A ( $\pm 0.2\% \pm 3mA$ ) 3 ~ 30A ( $\pm 0.2\% \pm 30mA$ )	
Minimum Resolution	1mV / 1mA	
Minimum Conductive Resistance	< 0.08 Ohm	
Ripple	< m10 Vpp	
Program Memory	10 Programs EEPROM	
Protective Mode	Over Voltage / Over Current / Over Power / Polarity Reverse Connection	Over Voltage / Over Current / Over Power / Polarity Reverse Connection
Optional Accessories	USB Adapter / User Friendly Software	
Accessories	User Manual, Power Cable	
AC Input (Mains)	110V / 230V AC ; 47~63 HZ	
Weight	5 KG	

**VASAVI ELECTRONICS**

# 95, Road No.6A, Jyothi Colony, SECUNDERABAD - 500 015, (A.P), INDIA

Tel : +91 - 40 - 27744445 ; Fax : +91 - 40 - 2774226 ; Web : [www.vasavi.co.in](http://www.vasavi.co.in) / [www.vasavi.com](http://www.vasavi.com) ; E-mail : [vasavi@vasavi.com](mailto:vasavi@vasavi.com)