

**CE****Specifications**

1. Solderless breadboard : AD-200  
Interconnected nickel plated contact socket with 1896 tie points, fits all components with DIP sizes and solid leads AWG #22-30 (0.3 - 0.8mm).
2. DC power supply:
  - (1) Variable DC power: Output voltage  $0 \dots \pm 15V \pm 10\%$ 
    - Maximum output current 300mA.
    - Line regulation  $< 0.05\%$  (at  $25^\circ C$ )
    - Load regulation  $< 30$  mV (at  $25^\circ C$ )
  - (2) +5V DC power supply: Output voltage  $+5V \pm 10\%$  (no load to full load). Maximum output current 1A.
  - (3) -5V DC Power Supply : Output voltage  $-5V \pm 10\%$  Maximum output current 100mA.
  - (4) All DC power supplies are equipped with short-circuit protection
3. Function generator :
  - (1) Frequency ranges : 0.1 Hz - 2 Hz, (6 ranges)
    - 1 Hz - 20 Hz
    - 10 Hz - 200 Hz
    - 100 Hz - 2 K Hz
    - 1K Hz - 20K Hz
    - 10K Hz - 200K Hz
  - (2) Sine wave output : 0 5Vpp  $\pm 10\%$  variable.
  - (3) Triangle wave output : 0-5Vpp  $\pm 10\%$  variable.
  - (4) Square wave output : 0 - 15Vpp  $\pm 10\%$  variable.
  - (5) TTL mode output :  $+5V \pm 10\%$
4. Voltmeter: 0 - 30VDC full scale, class 2.5, impedance = 320k $\Omega$
5. Ampere meter: 0 - 100 $\mu A$  full scale, class 2.5, impedance=1k $\Omega$
6. Universal counter
  - (1) Frequency range : 1Hz 99.999999MHz; 10Hz - 100.00000 MHz
  - (2) Period range TH & TL 0.01  $\mu s$  999999.99 $\mu s$ ; 1 $\mu s$  99999999  $\mu s$
  - (3) Input signal : TTL or CMOS level or any level (Vmin  $+2.3Vp \pm 10\%$ )
  - (4) Display : 8-digit 7-segment LED display
  - (5) Counter switch: External / internal
7. Pin tip/banana jack : 2pcs
8. Pin tip/BNC jack : 2pcs
9. 2 positions slide switch : 2pcs
10. 3 positions slide switch : 1pce
11. Potentiometer: VR1 = 1K $\Omega$ , VR2 = 100K $\Omega$
12. 6 positions rotary switch : 1 pce
13. Speaker : 2 $\frac{1}{4}$ ", 80
14. Accessories : (1) Power cord (2) User manual
15. Dimensions : 420 x 360 x

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