

Electronic Training Equipment & Breadboard / Accessories



Analog Lab IDL-600A



Specification

1. Solderless breadboard : AD-200

Interconnected nickel plated contact socket with 1896 tie points, fitting all components with DIP sizes and solid leads AWG #22-30 (0.3~0.8mm).

2. DC power supply :

Variable DC power : Output voltage $0 \sim +15V \pm 10\%$ and $0 \sim -15V \pm 10\%$

Maximum output current 300 mA.

Line regulation $< 0.05\%V$ (at $25^\circ C$)

Load regulation $< 30 mV$ (at $25^\circ C$)

+5V DC power supply : Output voltage $+5V \pm 10\%$ (no load to full load).

Maximum output current 1 Amp.

-5V DC Power Supply : Output voltage $-5V \pm 10\%$

Maximum output current 100 mA.

All DC power supplies equipped with short-circuit protection

3. Function generator :

Frequency ranges : $0.1 Hz \sim 2 Hz$

(6 ranges) $1 Hz \sim 20 Hz$

$10 Hz \sim 200 Hz$

$100 Hz \sim 2 KHz$

$1 KHz \sim 20 KHz$

$10 KHz \sim 200 KHz$

Sine wave output : $0 \sim 5V_{pp} \pm 10\%$ variable.

Triangle wave output : $0 \sim 5V_{pp} \pm 10\%$ variable.

Square wave output : $0 \sim 15V_{pp} \pm 10\%$ variable.

TTL mode output : $+5V \pm 10\%$

4. Voltmeter : $0 \sim 30V_{DC}$ full scale, class 2.5, impedance = $320K\Omega$

5. Ampere meter : $0 \sim 100\mu A$ full scale, class 2.5, impedance = $1K\Omega$

6. Universal counter

(1) Frequency range : $1 Hz \sim 99.999999 MHz$; $10 Hz \sim 100.00000 MHz$

(2) Period range TH & TL : $0.01\mu s \sim 999999.99\mu s$; $1\mu s \sim 99999999\mu s$

(3) Input signal : TTL or CMOS level or any level ($V_{min} \geq +2.3V \pm 10\%$)

(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 : 1pc

11. Potentiometer :

VR1 = $1K\Omega$

VR2 = $100K\Omega$

12. 6 positions rotary switch : 1pc

13. Speaker : $2\frac{1}{4}$ " , 8Ω

14. Accessories :

• Power cord • User manual

15. Dimensions : $420 \times 360 \times 200 mm$ (L x W x H)

16. Weight : 4.2kg