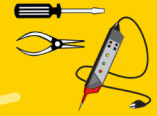


Electronic Training Equipment & Breadboard / Accessories



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 ~ 2 Hz
(6 ranges) 1 Hz ~ 20 Hz
 10 Hz ~ 200 Hz
 100 Hz ~ 2K Hz
 1KHz ~ 20K Hz
 10KHz ~ 200K Hz
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 Ω
5. Ampere meter : $0 \sim 100\mu A$ full scale, class 2.5, impedance = 1K Ω
6. Universal counter
(1) Frequency range : 1Hz ~ 99.999999 MHz ; 10Hz ~ 100.000000 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 ($V_{min} \geq +2.3V_{p} \pm 10\%$)
(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 Ω
VR2 = 100K Ω
12. 6 positions rotary switch : 1pc
13. Speaker : 2 $\frac{1}{4}$ " , 8 Ω
14. Accessories :
• Power cord • User manual
15. Dimensions : 420 x 360 x 200 mm (L x W x H)
16. Weight : 4.2kg