

Electronic Training Equipment & Breadboard / Accessories



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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 = 1Ω
6. Universal counter
(1) Frequency range : $1 Hz \sim 99.999999 MHz$; $10 Hz \sim 100.000000 MHz$
(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-digital 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