

Electronic Training Equipment & Breadboard / Accessories



IDL-400 Logic Trainer



CE

The IDL-400 logic trainer is designed for the logic beginners to enhance the comprehension of basic logical theory. The user-friendly design makes beginners understand logic gates more easily. It is equipped with various kinds of basic logic gates, Debounce logic switches, LED indicators, DC power supply with short circuit protection, pulse generator and a solderless breadboard.

Specifications

- Basic logic gate units :
 - It contains 6 kinds of logic gates, i.e. AND gate X 6, OR gate X 6, NAND gate X 6, NOR gate X 6, XOR gate X 3 and NOT gate X 3.
 - Input voltage of HI level > 2.25V
 - Input voltage of LO level < 0.8V
- DC power supply: With short circuit protection and indicator
 - Output voltage +5V $\pm 5\%$
Max. output current 1Amp.
Line regulation < 50mV
Load regulation < 100mV
 - Output voltage -5V $\pm 5\%$
Max. output current 500mA
Line regulation < 25mV
Load regulation < 30mV
 - Output voltage $\pm 15V \pm 5\%$
Max. output current 500mA
Line regulation < 150mV
Load regulation < 150mV
- Pulse generator :
 - 3 kinds of time interval : 1sec., 0.1sec., 0.01sec.,
 - Output voltage +5V
- Debounce logic switch : HI/LO
- 8 bits LED output indicator : Max. input voltage $\leq 15V$ DC
- Solderless breadboard : AD-200
Interconnected 1896 tie points, fits all components with DIP sizes and solid wire AWG #22-30 (0.3mm~0.8mm)
- Accessories :
 - Power cord
 - User manual
- Dimensions : (420(L) x 360(W) x 200(H))mm
- Weight : 4.2kg

