



### OVERVIEW

The ULS-2000 contains all of the functions required for studying and experimenting with analog electronics, digital electronics, telecommunication electronics etc. in a platform which is compact, lightweight and extremely durable.

### APPLICATIONS

- Basic Electronics Training Courses
- Advanced Electronics Circuit Design
- Analog Circuit Experiments
- Digital Circuit Experiments
- Telecommunication Circuit Experiments
- Basic Logical Circuit Tracing
- Computer Interfacing Circuits
- Circuit Trouble Shooting

### SPECIFICATIONS

#### 1. DC Power Supply Module

Fixed Output: +5V/0.5A, -5V/0.5A, +12V/0.5A, -12V/0.5A  
Variable Output: +0V ~ +23V/0.5A, -0V ~ -23V/0.5A

#### 2. AC Power Supply Module

19V-15V-9V-0V-9V-15V-19V

#### 3. Function Generator Module

Sine, Triangle and Square waveform output

Frequency range: 1Hz to 1MHz in 6 decades

With fine adjust, Amplitude and DC offset control

TTL Mode Output Range: 1Hz to 1MHz in 6 decades

Six frequency ranges:

1Hz to 10Hz

10Hz to 100Hz

100Hz to 1KHz

1KHz to 10KHz

10KHz to 100KHz

100KHz to 1MHz

Sine wave output: 0 to 12V peak to peak variable

Triangle wave output: 0 to 8V peak to peak variable

Square wave output: 0 to 20V peak to peak variable

#### **4. Solderless Breadboard**

Interconnected nickel plated with a total of 1680 tie points in total, fitted all DIP sizes and components with lead and solid wire in diameter of AWG #22-30 (0.3 - 0.8mm)

#### **5. Five (5) Data Switches Module**

5 units slide switches and corresponding output terminals. When switch is set at "down" position, the output is LO level; contrarily, it is to be HI level when setting at "up" position.

#### **6. Multi Interface Adaptor Module**

Miniature Socket, 2mm Socket & 4mm Banana Adaptors

The ULS-2000 is shipped with a comprehensive user's manual and a power cord.

Power Supply: 240VAC, 50Hz (Fused Protected)

Dimensions: (W x D x H) 310 x 260 x 90mm

Weight: 3.0 kgs