



33530 Circuits Development Platform is designed to do experimentation with Analog & Digital Circuits in the laboratory. It is a self contained trainer including DC Power supplies, Sine/Square/TTL Generator etc on as a single unit. It is very useful in project work and testing. A number of ready to use experiment circuit boards are optionally available.

01 BREAD BOARD

Unique solder-less large size, spring loaded breadboard consisting of two Terminal Strips with 640 tie points and 2 Distribution Strips with 100 tie points each, totaling to 840 tie points. (Size:63mm x170mm)

02 DC POWER SUPPLY

Variable DC power: Two, Positive output voltage: 0 to 30V, Maximum output current:100 mA, Fixed power supply: Positive output voltage: $\pm 5V$, 9V, 12V, 15V, 18V, 24V, $\pm 5\%$, Maximum output current: 100mA

03 FUNCTION

GENERATOR : Sine / Square / Traingular / Pulse waveform frequency 1 Hz to 110 Khz in 5 Steps. Variable in between steps. Sine / Square / Traingular waveform output 50mV ~ 10Vpp variable

04 DIGITAL VOLTMETER

3 1/2 digits LED display, Four ranges:0 - 2V full scale, 0 - 20V full scale, 0 - 200V full scale, 0 - 1000V full scale

05 DIGITAL CURRENT METER

3 1/2 digits LED display Seven ranges: 0 - 20uA full scale, 0 - 200uA full scale, 0 - 2mA full scale, 0 - 20mA full scale, 0 - 200mA full scale, 0 - 2Amp full scale, 0-5Amp full scale

06 PULSER SWITCH

Input for positive or negative pulse triggering from external source.

07 DATA SWITCH

Four independent logic level inputs to select High / Low TTL levels.

08 LOGIC INDICATORS

Four independent logic level indicators for High / Low status indication of digital outputs

09 POTENTIOMETERS

Four Potentiometers (1K, 10K, 100K, & 1Meg) with Sockets.

10 COMPUTER

INTERFACE : On Board Parallel Port DB-25

11 COMPUTER

INTERFACE : On Board Serial Port DB-9

12 ON BOARD SWITCH

Switch Double pole double through

13 BNC TO BANANA

ADAPTER : BNC to 4mm & 2mm banana adapter

14 WEIGHT : 4 Kg. (Approx)

15 DIMENSION : W 412 x H 150 x D 310

16 Mains ON/OFF switch, Fuse and Jewel light.

17 The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.

18 Good Quality, reliable terminal/sockets are provided at appropriate places on panel..

19 Strongly supported by detailed Operating Instructions.

LIST OF ACCESSORIES:

01 Patch Cord Length 50Cm 4mm to 1mm Red---04

02 Patch Cord Length 50Cm 4mm to 1mm Black-04

03 Patch Cord Length 50Cm 2mm to 1mm Red---04

04 Patch Cord Length 50Cm 2mm to 1mm Black-04

05 Hookup Wire Sz. 1/25 5 Color Length 2mr. each

Note: Specifications are subject to change.

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