Feature

The Meter is a handheld and battery operated very convenient small Tool, that is specially used to measuring SMD(Surface Mounting Device),there are resistor, Capacitor, Diode, Zenger and LED, Moreover, the Meter have the continuity checking function And MAX DC 36V Measurement.

Technical Specification

Basic Function Range

DC Voltage	:	36V
Resistance	:	300Ω ~ 30MΩ
Capacitance	:	3nF ~ 30mF

Express Function

Display	:	2999
Range Select	:	Auto
Diode Test	:	Yes
Data Hold	:	Yes
Continuity Buzzer	:	Yes
Zener/LED	:	Yes
Battery Test	:	Yes
Relative Value	:	Yes
Auto Power Off	:	Yes
SCAN Mode Function	:	R/D/C

Note: Specifications are subject to change.

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22.11.2023

ANALOG ELECTRONICS BASE UNIT
Order Code - M00001

The Base Unit is used throughout the system M00001. The unit supplies different output voltages suitable for the different lab cards used in the system. The Lab Cards put in slots and are automatically powered via a D-sub connector.

The base unit is accepted by CE standards.

TECHNICAL SPECIFICATIONS

Supply voltage: 230V AC 50 - 60 Hz
The unit has 6 outputs with following data:
Output 1 - 3 : DC 12 V / 200mA with LED indication and fuse
Output 4 - 6: AC 12 V / 200mA with LED indication and fuse
Dimension: 200 x 300 x 73mm
Weight: 4 kg Approx

HOUSE ALARM MODULE
Order Code - M00013

Contains all the functions of a house alarm. The functions of an alarm system are learned step by step so making fault finding more easy to understand. Altogether 8 faults can be simulated. The alarm connections are built around normal digital components, e.g. logic gates, comparators, shift registers, counters, different types of switches and decoders. The lab card is connected to the Base Unit.

TECHNICAL SPECIFICATIONS

Dimension: 190 x 110 mm
Weight: 0.2Kg Approx

COMPONENT SET
Order Code - M00014

The component set is delivered in a hard plastic box with ESD protection

TECHNICAL SPECIFICATIONS

01 Digital IC	:	25
02 Trim potentiometers	:	2
03 Diodes	:	2
04 Resistors	:	13
05 Transistors	:	2
06 Capacitors	:	4
Dimension	:	190 x 110 mm
Weight	:	0.2 kg Approx

DIGITAL PCB
Order Code - M00015

Digital PCB is a printed circuit board with similar functions as the S24 above. The lab card is connected to the Base Unit and is ordered separately.

TECHNICAL SPECIFICATIONS

Dimension: 190 X 110 mm
Weight: 0.2Kg Approx

Note: Specifications are subject to change.

DIGITAL CONNECTION BOARD
Order Code - M00016

This breadboard is easily connected to 2 contact plugs. The board is suitable for projects where the student connects up circuits on this unit for testing.

Connection leads 4mm sockets: 4
Connection lead BNC contact: 1

TECHNICAL SPECIFICATIONS

Voltage Ouputs: (+5V, +12V, and -12V)
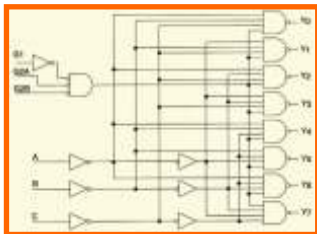**Dimension**: 190 X 110 mm
Weight: 0.2Kg Approx

LAB FLEX SET SHROUDED PATCH CORDS
Order Code - M00011

01. 2mm Patch Cord Red 50cm 10nos.
02. 2mm Patch Cord Black 50cm 10nos.
03. Connecting Wire 5 colors $1mm^2$. 1 mtr. each

In the diagram below G1 is used as a data input where G2A=G2B=L. How should A,B and C be set if the data at G1 shall be sent out on the lead connected to Y5?

As can be seen in the diagram, an extra function has been added, LED that will indicate when the alarm is active. The LED has a self blinking action built into the circuit.

OPTIONAL ACCESSORIES

DIGITAL STORAGE OSCILLOSCOPE
Order Code - DSO-1102

Digital Storage Oscilloscope 100MHz, 2 CH, Coloured LCD 7, 1GS/s, USB+Software

Note: Specifications are subject to change.