

Product Name :

SMD Technology Trainer & Lab Kit for Vocational Training and Didactic Labs

Product Code :

CON-021-NE

**Description :**

Equipment for Education, Engineering and Vocational Training - SMD Technology Trainer & Lab Kit - Surface Mount Technology (SMT) is method for constructing electronic circuits in which the components are mounted directly onto the surface of printed circuit boards (PCBs). Electronics devices so made are called Surface Mount Devices or MSDs. An SMD component is usually smaller than its leaded counterpart because it has no leads or smaller leads. It may have short pins or leads of various styles, flat contacts, a matrix of balls (BGAs), or terminations on the body of the component (passives), unlike discrete components, SMD components have a huge variety of packages (size). SMD Technology will be the order of the day for the electronics industry in the coming years. SMD offers Small size, consequent High Packing Density, High Reliability & Improved High Frequency performance. SMD Technology Kit to keep you in pace with the technology revolution. The user is familiarized from components their packages to soldering practice. SMD Technology Kit Contains:

SMD Identification Board The user is familiarized with different SMD Components -Resistors, Capacitors, Inductors, Diodes, Transistors & IC's packages.

Proto BOARDS Proto BOARDS are special PCB's with readymade solder pads for various SMD components & IC's, which makes the soldering much easy. It includes Through Hole, SO, SOP, Chip Scale package Proto BOARDS.

SMD Soldering Jig

SMD Soldering Iron A Variable Temperature Controlled Soldering Iron is supplied with lead.

SMD components SMD components are supplied for Solder practice. Resistors , Capacitors, Diodes , Transistors

Tweezers: Holding & placing of SMD components.

List of Accessories :

1. SMD Identification Board with manual 1 no.
 2. Proto BOARDS 2 nos each
- Discrete Surface Mount

-SOP
-SO
-Through Holes
-Chip Scale
SMD Soldering Jig 1 no.
SMD Soldering Iron 1 no.
SMD components Resistors , Capacitors, Diodes , Transistors 10 no. each
Tweezers 2 no.
Manual 1 no.

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