



# COMPUTER AND PRINTER

- 38** · PC Maintenance
- 39** · PC Maintenance with Student Examination S/W
- 40** · Copier Maintenance Trainer
- 41** · Laser Printer Trainer



**INTRODUCTION**

This educational trainer is designed to train students on understanding the theory of operation of computers. It also introduces students to faults and repairs.

**FEATURES**

- The device displays the different components of computers and their connections.
- The device includes a big panel that contains a colored diagram indicating the components of the computer and their connections.
- The trainer includes the different parts of the computer like the motherboard on which the processor, RAMs, Hard Disc, CD ROM, Vega card and other components are fitted.
- An LCD screen is attached with the trainer.
- The trainee can connect the different components using the cables that are supplied with the device. Some components have sections that display the operation mechanism from the inside.
- The device has a faults panel through which the instructor can simulate the faults of the computer and train the students on handling and fixing them.
- The device has test points to allow students to take measurements for fault diagnosis.
- The device is fitted to a movable chassis with 4 wheels for easy mobility inside the laboratory.

**SUPPLIED WITH THE UNIT**

Operation Manual in both Arabic and English Language with a full and detailed explanation of the device and how to operate it.

**ACCESSORIES**

- |           |                                    |               |  |
|-----------|------------------------------------|---------------|--|
| MNT 06101 | Cover for the Equipment            | MNT 06106     | Oscilloscope                                 |
| MNT 06102 | Touch Screen                       | MNT 06107     | Labels for the Laboratory                    |
| MNT 06103 | Screen Holder fitted on the device | MNT 06108     | Connection Cable, 4 mm                       |
| MNT 06104 | Screen Holder fitted on the wall   | MNT 06111     | Oscilloscope Connection Cable, 2 mm          |
| MNT 06105 | Multi-Meter                        | MNT 05104 101 | E-Content for Trainer of Faults of Computers |

**SCOPE OF DELIVERY**

- Educational device to train students on handling faults of computers.
- Sections of some components.
- Different parts of the computer like the motherboard on which the processor, RAMs, Hard Disc, CD ROM, Vega card and other components are fitted.
- LCD screen.

Specifications
Electric Supply
1 Phase , 220 Volts, 50 Hertz
Dimensions & Weight
180 Cm x 80 Cm x 180 Cm
250 Kg

**INTRODUCTION**

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**FEATURES**

- The device displays the different components of computers and their connections.
- The device includes a big panel that contains a colored diagram indicating the components of the computer and their connections.
- The trainer includes the different parts of the computer like the motherboard on which the processor, RAMs, Hard Disc, CD ROM, Vega card and other components are fitted.
- An LCD screen is attached with the trainer.
- The trainee can connect the different components using the cables supplied with the unit.
- Some components have sections that display the operation mechanism from the inside.
- The device has a faults panel through which the instructor can simulate the faults of the computer and train the students on handling and fixing them.
- The device has test points to allow students to take measurements for fault diagnosis.
- The device is fitted to a movable chassis with 4 wheels for easy mobility inside the laboratory.
- The faults could be controlled through the faults panel or through the screen connected to the unit. The software contains a testing module to allow the instructor to evaluate the students' performance at different levels.

**SCOPE OF DELIVERY**

- Educational device to train students on handling faults of computers and fixing them.
- Sections of some components.
- Different parts of the computer like the motherboard on which the processor, RAMs, Hard Disc, CD ROM, Vega card and other components are fitted.
- LCD screen.
- Program for evaluation of students.

**ACCESSORIES**

- |               |  |
|---------------|--|
| MNT 06101     | Cover for the Equipment                      |
| MNT 06102     | Touch Screen                                 |
| MNT 06103     | Screen Holder fitted on the device           |
| MNT 06104     | Screen Holder fitted on the wall             |
| MNT 06105     | Multi-Meter                                  |
| MNT 06106     | Oscilloscope                                 |
| MNT 06107     | Labels for the Laboratory                    |
| MNT 06108     | Connection Cable, 4 mm                       |
| MNT 06111     | Oscilloscope Connection Cable, 2 mm          |
| MNT 05104 101 | E-Content for Trainer of Faults of Computers |

Specifications
Electric Supply
1 Phase , 220 Volts / 50 Hertz
Dimensions & Weight
180 Cm x 80 Cm x 180 Cm
250 Kg



**INTRODUCTION**

This educational trainer is specifically designed to teach students the theory of operation of copier machines. The unit also introduces students to fault diagnosis and repair techniques.

**FEATURES**

- The device is a simulation of a newer model copier machine connected to a fault panel to simulate different faults and repair techniques.
- The device allows students to study the operation of heaters, how to plot ink on paper and also the paper pulling mechanism among others.
- The device includes colored detailed diagrams indicating the path of paper and ink.
- The device has test points that allow students to test the different signals.
- The device is fitted to a movable chassis with 4 wheels for easy mobility inside the laboratory.

**ACCESSORIES**

- |           |                                    |               |                                     |
|-----------|------------------------------------|---------------|-------------------------------------|
| MNT 06101 | Cover for the Equipment            | MNT 06106     |                                     |
| MNT 06102 | Touch Screen                       | MNT 06107     |                                     |
| MNT 06103 | Screen Holder fitted on the device | MNT 06111     | Oscilloscope                        |
| MNT 06104 | Screen Holder fitted on the wall   | MNT 01612     | Labels for the Laboratory           |
| MNT 06105 | Multi-Meter                        | MNT 05104 201 | Oscilloscope Connection Cable, 2 mm |

**SCOPE OF DELIVERY**

- Educational device to train students on handling the faults of copier machines.
- Faults panel to simulate the common faults.
- Test points to examine the quality of components.
- Movable chassis on 4 wheels for easy mobility.

**Specifications**

**Electric Supply**

1 Phase , 220 Volts / 50 Hertz

**Dimensions & Weight**

50 Cm x 40 Cm x 40 Cm

100 Kg

**INTRODUCTION**

This educational trainer is designed to introduce students to the theory of operation of laser printers. It also introduces students to fault diagnosis and repair techniques.

**FEATURES**

- -The device includes a modified laser printer with transparent sections that is connected to a faults panel that simulates some of the common faults found in these devices.
- The device allows students to study the theory of operation of heaters, plotting ink on paper, paper pulling mechanism...etc.
- The device has a detailed colored diagram indicating the path of paper and ink.
- The device has some testing points allowing students to test different signals.

**SUPPLIED WITH THE UNIT**

- Operation Manual in both Arabic and English Language with a full and detailed explanation of the device and how to operate it.

**ACCESSORIES**

- |               |  |
|---------------|--|
| MNT 06101     | Cover for the Equipment                          |
| MNT 06102     | Touch Screen                                     |
| MNT 06103     | Screen Holder fitted on the device               |
| MNT 06104     | Screen Holder fitted on the wall                 |
| MNT 06105     | Multi-Meter                                      |
| MNT 06106     | Oscilloscope                                     |
| MNT 06107     | Labels for the Laboratory                        |
| MNT 06111     | Oscilloscope Connection Cable, 2 mm              |
| MNT 01612     | Multi-Meter Connection Cable                     |
| MNT 05104 301 | E-Content for Trainer of Faults of Laser Printer |

**SCOPE OF DELIVERY**

- Educational device to train students on handling the faults of laser printers.
- Laser printer with transparent sections to display the inner components.
- Faults panel for simulation of common faults.
- Test points for examination of quality of components.

**Specifications**

**Electric Supply**

1 Phase , 220 Volts, 50 Hertz

**Dimensions & Weight**

50 Cm x 40 Cm x 40 Cm

100 Kg