

KEE-02C

HOUSE WIRING BOOTH TRAINER

Make : KITEK

House Wiring Booth Trainer is a rugged training system mounted on MS Panel. It facilitates training and simulation test, the system uses patch board and double-layer wooden structure. The product helps you to get fully acquainted with the fundamental wiring such as Concealed fixed line pipe, Bridge branch, hanging bracket fabrication and installation, Pipe threading operations, Single / more core copper, aluminum wire connections etc.

Specification

- This House Wiring Booth Training System is developed in line with electrical installation of a factory and as in a room.
- Double layers structure, inner layer is simulation wall and outer is patch board wall.
- Use's wooden panels to make students understand the wall installation, patch board structure increases the flexibility of the equipment to facilitate training/teaching.
- Room adopts trapezoidal opening structure, entirely consistent with World Skills environment that enables students to complete the installation of different lines in this three dimensional space, master the installation technology.
- To facilitate training and simulation test, the system uses patch board and double-layer wooden structure. The patch board is reusable and easy to operate; it simulates the actual environment.
- Working Power Supply: 1-Phase, 3- wire AC 220V±10% 50Hz/60Hz
- General Power Control: With leakage protection, when leakage current reach 30mA, the protection system activates
- Total Dimension: Trapezoidal structure, the outer is built with patch board, the inner is composed of four panels
L×W×H= 2550×1300×2500mm
- **Main patch board dimension:**
 - ~ Right panel (A) /1220 x 2440 x 18mm
 - ~ Left panel (B) /1220 x 2440 x 18mm
 - ~ Main panel (C) /1800 x 2440 x 18mm
 - ~ Ceiling (D) Front 2426mm,Rear 1827mm,depth 1202mm
- **Training equipment materials: steel plate spray; Steel plate thickness ≥ 1.5mm**
- **Maximum power consumption: ≤ 2.0KW**
- **Electrical Wiring control circuits with different types of below electrical components will be supplied.**
 - ~ 4 pc Pushbutton Switch
 - ~ 10 pcs MCB, 10A, 1-pole
 - ~ 2 pc contactor
 - ~ 1 pc Direct-on-line starter
 - ~ 2pcs MCB 2pole, 10A
 - ~ 2pcs ELCB 2pole, 63A/30mA
 - ~ 1pcs Over load relay
 - ~ 2Pcs DP switch
 - ~ 2pc Emergency button
 - ~ 2 pc Push button control box
 - ~ 1 pc Distribution panel
 - ~ 1 pc 1 phase energy meter
 - ~ 1 pc Photo cell operated relay
 - ~ 1 pc Staircase relay
 - ~ Thermal Relay
 - ~ Timer Relay
 - ~ 20 Pc One way switch
 - ~ 10pc, Switch 2-way
 - ~ 20 pc 3 Pin 5/15A AC Socket
 - ~ 10pc, Dimmer Switch
 - ~ 0.25 hp 230V 1 Phase AC Motor
 - ~ 2 pc 230V AC FAN
 - ~ 5 pcs fluorescent lamps
 - ~ E27 Lamp holder 10 pcs
 - ~ 2 pcs Incandescent Bulb
 - ~ 5pcs CFL
 - ~ 5pcs LED bulb .
 - ~ 5pcs LED Panel Light.



- ~ 5pcs LED Tube Light
- ~ 200 pcs Clips TC 7-10
- ~ 100 pcs Wood screws (4 x 16)
- ~ 100 pcs Wood screws (4 x 25)
- ~ 10mtr DIN rail
- ~ 50 pcs Cable connectors
- ~ Junction box 2,3 & 4 way each 20Pcs
- ~ Terminal mounting box 5 pcs
- ~ Blanking plates different size 20pcs
- ~ 30 m PVC tubing flexible, approx. 15 mm dia.
- ~ 100m Conduit pipe 20mm
- ~ 50m Conduit pipe 25 mm
- ~ 15m Conduit pipe 32 mm each.
- ~ 16pcs Galvanized Steel Rigid Conduit Metal 20mm x 3.75m M20 x 1.5mm
- ~ 100 m wire 1 mm sq, black (2coil)
- ~ 100 m wire 1 mm sq, Red (2coil)
- ~ 100 m Wire 1 mm sq, yellow/green (2coil)
- ~ 50 m Conduit cable 3 core 1.5 sq mm
- ~ 5 m Conduit cable 3 core 2.5 sq mm
- **Working Table - KWT-01 (Optional)**
 - ~ MS Work Table Size 1200x750x850 (L x W x H), with four castor wheels including two lockable wheels with Drawer size of L450mm x W500mm x H200mm.
- **ACCESSORIES**
 - ~ Set of Manuals with Experiments.
 - ~ Set of components to meet residential wiring curriculum requirements.
 - ~ Hand tool set necessary for wiring.
- **LABORATORY MANUAL DESCRIBING RESIDENTIAL WIRING FUNDAMENTALS.**
 - ~ Basic electrical installation skills training
 - ~ Installation tool use training
 - ~ The use of detection equipment training
 - ~ Manual processing of PVC pipe bender bends Training
 - ~ PVC pipe, metal pipe cutting training
 - ~ Plastic and plastic conduit junction box connection Training
 - ~ Tube card holder Training
 - ~ Ming pipe into the box Training
 - ~ Training bent out of shape tube
 - ~ Concealed fixed line pipe Training
 - ~ Embedded iron or bolts Training
 - ~ Bridge branch, hanging bracket fabrication and installation training
 - ~ Pipe threading operations training
 - ~ Single (more) core copper, aluminum wire connections Training
 - ~ Indoor lighting and power distribution
 - ~ Sockets and a switch control a lamp (incandescent, fluorescent, two pole GFCI)
 - ~ Two pairs of associated switches control a light (incandescent, fluorescent, two pole GFCI)
 - ~ Three switch controls a light (incandescent, fluorescent, two pole GFCI)
 - ~ Wiring fluorescent lines
 - ~ Touch delay switch control incandescent wiring circuit
 - ~ Wiring incandescent body sensor switch control circuit

