

| SL NO | Item Name | Specifications | Quantity |
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| 1. | Study kit showing different Constructional features & winding of 3 ϕ induction motor | Motor-1 HP, 3 ϕ , 415 V squirrel cage induction motor. Every constructional parts of the motor is displayed on well fabricated Bakelite board. Labeling all the parts displayed on the board. | 1set |
| 2 | Identification of the different windings of 3 ϕ induction motor with phase sequence. Starting & finishing winding by lamp method | Motor- 1 HP, 415 V, 3 ϕ ,50 Hz,1440 RPM induction motor. All terminals are brought on Bakelite board which mounted on M.S channel. | 1 set |
| 3 | Trainer kit for study of A.C motor winding by winding manual | | 1set |
| 4 | Trainer kit for study of consequence of single phasing with single phasing preventer | Motor-1 HP,400 V ,3 PH induction motor Single phase relay----2 no Voltmeter(0-500V)---1 no Ammeter (0-5 A)-----1 no Provision for single phasing Single phasing indicator All the necessary terminal are brought on the main trainer kit . | 1 set |
| 5 | Trainer kit for earth leakage circuit breaker | RCCB (residual current circuit breaker)- 1no Timer- 1no Phantom loading MCB for overload protection All the necessary terminal are brought on the main trainer board | 1 set |
| 6 | Trainer kit for the connection of 3 ϕ induction motor with DOL starter, star-delta starter, auto transformer | Motor-2 HP,3 ϕ ,415 V squirrel cage induction motor DOL starter With overload protection relay STAR-DELTA starter With overload protection AUTO TRANSFORMER starter- Output-0-440V Voltmeter(0-500V)---1 no Ammeter(0-5A)-----1 no MCB Indicator lamp All necessary terminal are brought on the | 1 set |

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| | | trainer kit All meters are made of MECCO/ cabs electra | |
| 7 | Following home appliances should be supplied for the study of principle of operation & construction i. Resistance oven ii. Vacuum cleaner iii. Portable drilling machine 10 mm iv. Portable grinder v. Toaster vi. Voltage stabilizer | All the appliances are operated on Input-230 V,50 Hz AC supply | 1No. each |
| 8 | Trainer kit for study of a) Sodium Vapour Lamp b) Mercury Vapour Lamp c) Compact Fluorescent Lamp | | 1 No. Each |
| 9 | Manual coil winding machine for motor upto 10HP | | 1No. |
| 10 | Super enamel wire for winding wire | Size-10, 12, 14, 16, 18 S.W.G. | 1kg each |