

EB03: Thyristor Electric Motor Devices

COURSE MATERIALS

| Panel # | Panel name |
|---------|---|
| PC04 | Single-Phase Power Control Panel (for 120-volt operation) |
| PC05 | Single-Phase Power Control Panel (for 220-volt operation) |
| E034 | DC Motor Panel |
| E052 | Resistors Panel |
| E062 | Diode Rectifiers Panel |
| E081 | SCR Panel |
| E082 | Full-Wave SCR Drive |
| E083 | TRIAC Panel |
| E084 | DIAC Adjustable Resistors Panel |
| E085 | TRIAC with Schmidt Trigger Panel |
| E087 | Adjustable Power Supply Panel |
| E088 | Pulse Width Modulation (PWM) Motor Driver Panel |
| E157 | Universal AC/DC Motor and Permanent Magnet DC Motor Panel |

In addition to the JobMaster panels, the following items are also required:

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| JobMaster Learning Station |
| DMM (Fluke Model 115 or equivalent) |
| Oscilloscope (BK Precision Model 2120B or equivalent) |