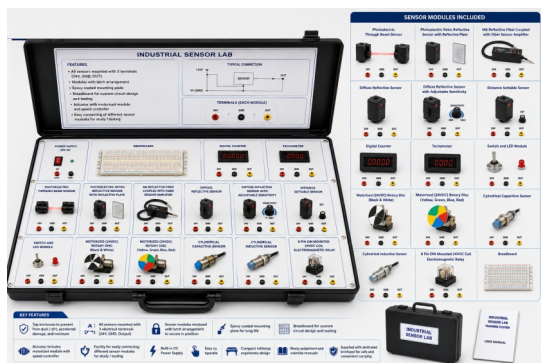




Industrial Sensor Lab- 1 no

- Table top portable training platform with suitable top enclosure to prevent from dust /dirt, accidental damage, and moisture.
- All sensors are mounted with 3 electrical terminals (24V, ground, output).
- All sensor modules are enclosed and coupled with compatible latch arrangement to secure into position.
- This Training platform mounting plate comes with epoxy coated paint.
- Facility of using a bread board enabling custom made circuit design and testing.
- Actuator includes motorized module with speed controller sensors.
- The platform has facility for easily connecting different sensor modules for study /testing.
- This training platform is supplied with a dedicated briefcase for safe and convenient sensor carrying.
- Built-in DC Power Supply.
- Easy to operate.
- Compact tabletop ergonomic design.
- Ready assignment and exercise manuals
- Robust construction.

This training system has the following sensors of the given specifications as per the below given table: -

Photoelectric through beam sensor.

1. Sensing method: Through beam
2. Maximum sensing distance: 1 meter
3. Control output: PNP
4. Operating voltage: 12 – 24VDC
5. Connection: Latch or Removable Arrangement or Modular
6. Casing: Acrylic

Photoelectric retro reflective sensor with reflective plate

1. Maximum sensing distance: 1 meter
2. Control output: PNP
3. Operating voltage: 10 – 30VDC
4. Connection: Latch or Removable Arrangement or Modular
5. Casing: Acrylic

M6 reflective fiber coupled with fiber sensor amplifier

Control output: PNP

2. Operating voltage: 12 – 24VDC
3. Connection: Latch or Removable Arrangement or Modular
4. Casing: Acrylic

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Diffuse reflective sensor

1. Maximum sensing distance: 10 – 70cm
2. Control output: PNP
3. Operating voltage: 10 – 30VDC
4. Connection: Latch or Removable Arrangement or Modular
5. Casing: Acrylic

Diffuse reflective sensor with adjustable sensitivity

1. Maximum sensing distance: 10 – 30cm
2. Adjustable sensitivity
3. Control output: PNP
4. Operating voltage: 10 – 30VDC
5. Connection: Latch or Removable Arrangement or Modular
6. Casing: Acrylic

Distance settable sensor

Maximum sensing distance: 2mm – 80mm

2. Control output: PNP
3. Operating voltage: 10 – 30VDC
4. Connection: Latch or Removable Arrangement or Modular
5. Casing: Acrylic

Digital counter

Display: Single display, 4 digits, 0.56",

2. 7 segment, Red LED display
3. Input: PNP sensor/ switch
4. Range: 0-999999 count
5. Supply: 230V AC
6. Connection: Latch or Removable Arrangement or Modular
7. Casing: Acrylic

Tachometer

Range: 4-5000RPM

2. Display: Single display, 4 digits, 0.56", 7 segment, red LED display
3. Input: PNP sensor/ switch
4. Connection: Latch or Removable Arrangement or Modular
5. Casing: Acrylic

Switch and LED module

1. LED light: 3 nos.
2. Momentary switch: 2 nos.
3. Supply: 24VDC
4. Connection: Latch or Removable Arrangement or Modular
5. Casing: Acrylic

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Motorized (24VDC) rotary disc (with 2 set of black and white region)

1. Supply: 24VDC
2. (D50mm-100mm) c/w 2 sets of alternate black and white region
3. Connection: Latch or Removable Arrangement or Modular
4. Casing: Acrylic

Motorized (24VDC) rotary disc (with 2 set of yellow, green, blue, and red region)

1. Supply: 24VDC
2. (D50mm-100mm) c/w 2 sets of the alternate yellow, green, blue, and red region.
3. Connection: Latch or Removable Arrangement or

Cylindrical capacitive sensor

1. Maximum sensing distance: 10-15 mm
2. Control output: PNP
3. Operating voltage: 10 – 30VDC

Cylindrical inductive sensor

1. Maximum sensing distance: 8-10 mm
2. Control output: PNP
3. Operating voltage: 10 – 30VDC
4. Connection: Latch or Removable Arrangement or Modular
5. Casing: Acrylic

8 pin DIN mounted 24VDC coil electromagnetic relay

1. Coil voltage: 24VDC
2. Type: DPDT
3. Connection: Latch or Removable Arrangement or Modular
4. Casing: Acrylic

Momentary push button Momentary push button 2nos

Breadboard -1 no.

1. 830 Solder-less Points
2. Ideal for Experimenting with Circuit Design in Labs
3. Colored coordinates for easy components placement.
4. Accept a variety of wire sizes 20-29 AWG