



Features

- 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.
- 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.
- Built-in DC Power Supply.
- Easy to operate.
- Compact tabletop ergonomic design.
- Ready assignment details.
- Robust construction.

This training system has the following sensors of the given specifications

Photoelectric through beam sensor: 1 no.

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



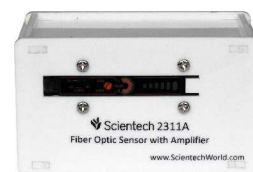
Photoelectric retro reflective sensor with reflective sensor: 1 no.

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



M6 reflective fiber coupled with fiber sensor amplifier: 1 no.

Control output	:	PNP
Operating voltage	:	12 – 24VDC
Connection	:	Latch or Removable
		Arrangement or Modular
Casing	:	Acrylic



Diffuse reflective sensor: 1 no.

Maximum sensing distance	:	10 – 70cm
Control output	:	PNP
Operating voltage	:	10 – 30VDC
Connection	:	Latch or Removable
		Arrangement or Modular
Casing	:	Acrylic



Diffuse reflective sensor adjustable sensitivity : 1 no.

Maximum sensing distance	:	10 – 30cm
Control output	:	PNP
Operating voltage	:	10 – 30VDC
Connection	:	Latch or Removable
		Arrangement or Modular
Casing	:	Acrylic



Distance settable sensor: 1 no.

Maximum sensing distance	:	2mm – 80mm
Control output	:	PNP
Operating voltage	:	10 – 30VDC
Connection	:	Latch or Removable
		Arrangement or Modular
Casing	:	Acrylic



Digital counter : 1 no.

Display	:	Single display , 4 digit, 0.56", 7 segment, Red LED display
Input	:	PNP sensor/ switch
Range	:	0-999999 count
Supply	:	230V AC
Connection	:	Latch or Removable
		Arrangement or Modular
Casing	:	Acrylic



Tachometer: 1 no.

Range	:	4-5000RPM
Display	:	Single display, 4 digit, 0.56", 7 segment, red LED display
Input	:	PNP sensor/ switch
Connection	:	Latch or Removable
		Arrangement or Modular
Casing	:	Acrylic



Switch and LED module : 1no.

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



Motorized (24VDC) rotary disc: 1 no. (with 2 set of black and white region)

(D50mm-100mm) c/w 2 sets of alternate black and white region

Supply	:	24VDC
Connection	:	Latch or Removable
		Arrangement or Modular
Casing	:	Acrylic



Motorized (24VDC) rotary disc : 1 no. (with 2 set of yellow, green, blue, and red region)

Supply	:	24VDC
		(D50mm-100mm) c/w 2 sets of the alternate yellow, green, blue, and red region.

Connection	:	Latch or Removable
		Arrangement or Modular
Casing	:	Acrylic



Cylindrical capacitive sensor : 1 no.

Maximum sensing distance	:	10-15 mm (approximately)
Control output	:	PNP
Operating voltage	:	10–30VDC



Cylindrical inductive sensor : 1 no.

Maximum sensing distance	:	8-10 mm (approximately)
Control output	:	PNP
Operating voltage	:	10–30VDC
Connection	:	Latch or Removable
		Arrangement or Modular
Casing	:	Acrylic



8 pin din mounted 24VDC coil electromagnetic relay : 1 no.

Coil voltage	:	24VDC
Type	:	DPDT
Connection	:	Latch or Removable
		Arrangement or Modular
Casing	:	Acrylic



Momentary Push Button : 2nos



Breadboard : 1no

- 830 Solder-less Points
- Ideal for Experimenting With Circuit Design In Labs
- Colored coordinates for easy components placement.
- Accept a variety of wire sizes 20-29 AWG

