

## **FPL-001 PNEUMATIC CIRCUIT TRAINER**



**Pneumatic Circuit Trainer**

### **RANGE OF EXPERIMENTS TO BE CARRIED OUT:**

- a. Electrical Control of a double acting cylinder.
- b. Sequencing of Double acting cylinder.
- c. Pneumatic Logics.
- d. Electrical Logic Circuits.
- e. Control of a Single acting cylinder..
- f. Speed Control Circuits.
- g. Quick return fast approach circuits.
- h. Complex sequencing

## **TECHNICAL DESCRIPTION :**

This unit is designed to support a large number of experiments that demonstrate a broad range of pneumatic principles. The experiment manual takes the step by step experiments to create a learning experience that provides a complete and practical introduction to pneumatic technology. All components such as Single acting cylinder , double acting cylinder , different control valves are securely mounted on panel and clearly identified with a description. All components are fitted with push-to-connect fittings. Two sizes of plastic tubing are supplied to connect the components to form the circuits in the exercises.

## **DIMENSIONS AND WEIGHT :**

Size :1.2 m.(L)x 0.6 m(W) X 1.7m ( H )

Weight :Approx. 50 Kg

## **SERVICE REQUIRED :**

230 v Ac Supply 50 Hz

Air Supply :@ 7 kg/cm<sup>2</sup>

## **SCOPE OF DELIVERY:**

1. Experimental Setup
2. Instructional Manual