

FPL-002 HYDRAULIC CIRCUIT TRAINER



RANGE OF EXPERIMENTS TO BE CARRIED OUT:

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

TECHNICAL DESCRIPTION :

This unit is designed to support a large number of experiments that demonstrate a broad range of Hydraulic principles. The experiment manual takes the step by step experiments to create a learning experience that provides a complete and practical introduction to Hydraulic 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 quick disconnect nipples and the hose assemblies are fitted with quick disconnect couplings. The hose assemblies are used to connect the appropriate components to form a circuit presented in the student exercise manual. An oil tank with gear pump is fixed at the bottom of the panel for circulation of oil

DIMENSIONS AND WEIGHT :

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

Weight :Approx. 70 Kg

SERVICE REQUIRED :

440 v Ac Three Phase Supply 50 Hz

Hydraulic Oil : 60 ltrs.

SCOPE OF DELIVERY:

1. Experimental Setup
2. Instructional Manual

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