

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

1. To study the Bottle Filling Point

TECHNICAL DESCRIPTION :

This model is intended as a control object for programming exercises with a control system, PLC or computer. The process consists of a circular conveyor on which 4 bottles are placed. The conveyor is rotated by a small DC gear motor. The bottle position is sensed by a proximity sensor.

Acrylic water tank is provided with two solenoids fitted, one for water inlet and the other for bottle filling. capacitance type water level sensors are used to sense the water level in the tank and bottle.

DIMENSIONS AND WEIGHT :

Size :0.6 m.(L)x 0.6m(W) X 0.5m (H)

Weight :Approx. 15 Kg

SERVICE REQUIRED :

POWER SUPPLY : 230V AC Single Phase

SCOPE OF DELIVERY:

1. Experimental Setup
2. Instructional Manual