

Product Name :
Computerized Flow Control Trainer

Product Code :
ENGLABINGCAG260002



Description :

Computerized Flow Control Trainer

Technical Specification :

Construction of the system with components commonly used in industry
Digital controller with freely selectable parameters: P, I, D and all combinations
Experimental introduction to control engineering using an example of flow control
Fundamentals of control engineering
Real industrial control engineering components: controllers, transducers, actuators

SPECIFICATION:

Storage tank: 30L
Centrifugal pump :
Power consumption: 250W
Flow rate: 150L/min
Head: 7m
Speed: 2800min⁻¹
Rota meter: 0...1960L/h
Electromagnetic flow rate sensor: 0...6000L/h

Control valve with electric motor :
Kvs: 5,7m³/h
Stroke: 5mm

Characteristic curve equal-percentage
Valve-opening position sensor: 0...1000?

Line recorder :
2x 4...20mA
Feed rate: 0...7200mm/h, stepped

Controller :
Process variables X, Y as analogue signals: 4...20mA

Power required for operation :
230V, 50Hz, 1 phase
230V, 60Hz, 1 phase



Engineering Lab Equipment India