Product name:	Product code:
Flow Control Loop Process Trainer	CMI-NP-1670



Description

Flow Control Loop Process Trainer is a process rig with a pump, control valve, orifice flow transmitter and PID controller for a closed flow loop. It is used for teaching flow control tuning and loop response.

Technical specification

Controller	Digital PID
Tank	40 litre SS
Power Supply	230 V AC, 50 Hz, single phase

Flow Control Loop Process Trainer is a process rig with a pump, control valve, orifice flow transmitter and PID controller for a closed flow loop. It is designed for teaching flow control tuning and loop response. Key highlights include centrifugal pump with water tank, orifice plate with DP transmitter and pneumatic or electric control valve.

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Features

- Centrifugal pump with water tank
- Orifice plate with DP transmitter
- Pneumatic or electric control valve
- PID controller with tuning functions
- Trend display on PC

Technical Specifications

Pump	0.5 hp centrifugal
Flow Range	0 to 20 LPM
Transmitter	4 to 20 mA DP
Control Valve	Globe, 4 to 20 mA