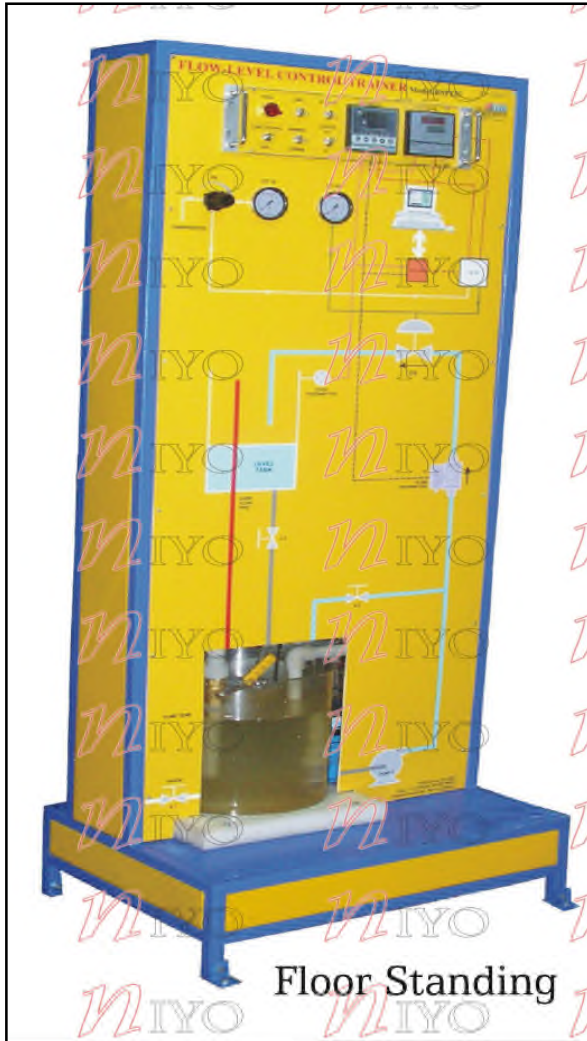


LEVEL CONTROL SYSTEM

MODEL: BSP06



Floor Standing

FEATURES

- Compact and sturdy construction
- Easy and versatile operation
- Self contained system
- Incorporates standard industrial components
- Comprehensive instrumentation

DESCRIPTION

Level control system is designed to demonstrate various aspects of control engineering using a level system to control the flow of water delivered by a pump to the level tank. The system incorporates the standard industrial components.

INSTRUCTION MANUAL

Self-explanatory operating manuals are provided with each system. Detailed theory as well as practical exercises is also included in the manual

LIST OF EXPERIMENT

1. Manual two step control
2. Study of P, PI, PD, PID Control, depending on type of controller ordered
NOTE
3. Study of sensors
4. Study of control valves
5. Study of feedback control system

NOTE: If Pneumatic PI controller is ordered supplied in place of electronic PID controller, only PI action can be viewed

COMPONENTS

- Sump tank
- Level tank
- Piping, fittings, and valves
- Pump for water
- Level transmitter
- Control valve: Pneumatic type
- PID Controller (See model selection below)
- E/P converter
- Air filter regulator

Note: Details of attachments can be made available on request.

SERVICES REQUIRED

- Electric supply
- Compressed Air



MODELS

BSP06 - X - X - X - X	
Process	
Table top	A
Floor standing	B
1st Controller	
Electronic PID Controller	1
PC based	2
Pneumatic PID Controller	3
Optional additional	
Air compressor	1
PC	2
None	0
2nd Controller	
Electronic PID	A
PC based	B
Pneumatic PID	C
None	X

DIMENSIONS AND WEIGHT

- 100 kg
- 1000 mm x 800 mm x 1830 mm (H)

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- (1) Since research and development is an on-going activity, the specifications mentioned herein are subject to change without notice
(2) Photographs are indicative only.