Scientech
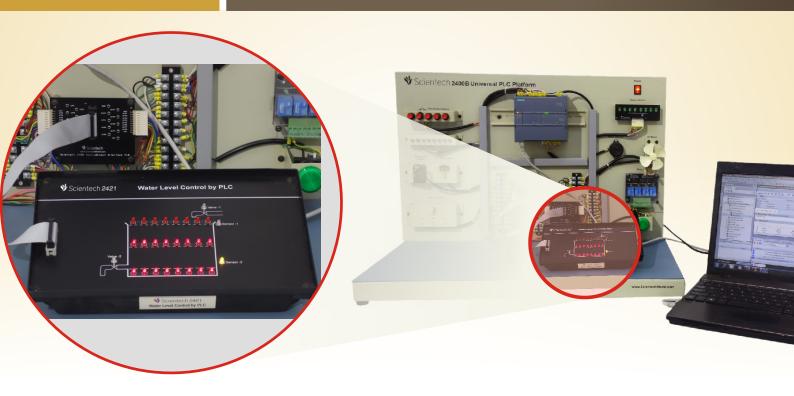

Water Level Control by PLC Scientech 2421 enables Students and practicing Engineers to gain invaluable practical experience of the principles and application of Programmable Logic Controllers.

The objective is to connect and program an external Programmable Logic Controller to monitor and control the level of water in a tank system.

Water level controlling is shown with the help of LEDs. The module is connected with output of PLC. Two valves for filling and draining water are shown, for indicating ON\OFF condition of valve LED is used. Filling of tank is indicated by two sensors positioned to sense maximum and minimum water levels of tank.

Features

- User friendly and powerful instruction sets
- Ready to use application board
- Online Product Tutorial

Scope of Learning

Study and use of:

- Ladder Programming
- Timers and memory bit
- Water Level
- Water level control by PLC through ladder program

Technical Specifications

Interface	:	20 pin FRC cable with PLC (Scientech 2400X Series)
Input pin voltage	:	24 V DC when particular I/P is activated from PLC
Output pin voltage	:	5 V DC when particular O/P is activated from PLC
Power supply	:	From PLC
Dimensions (mm.)	:	W 255 × D 155 × H 80
Weight	:	300 gm (approximately)
Product Tutorial	:	Online on www.ScientechLearning.com
Operating Conditions:		0-40°C, 85% RH
Included Accessories :		20 Pin FRC Cable-1no.
		Product Tutorial (CD)-1no.

Subject to Change

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