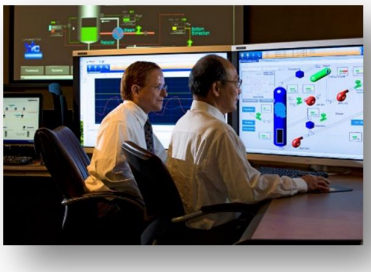
Level Control

General Information :



Level Plant Model is simulation process plant for study and you can knowledge about of differential pressure level detector (Open tank and close tank), Calculate range (zero suppression , dry leg and wet leg) and calibration transmitter to apply to practical in industry in process control such as level.

Feature :

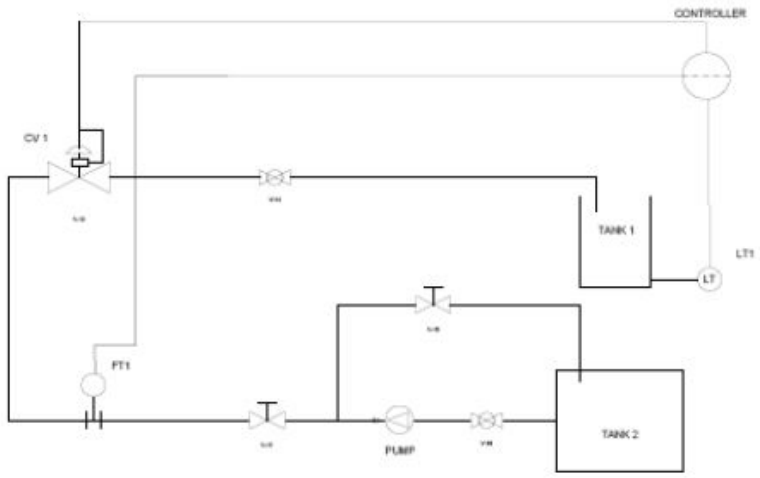
Modularized design oriented and safety for operation Easy to calibrate and maintenance

Systematic training media, in-depth coverage basic principles and advanced application fully coverage of:

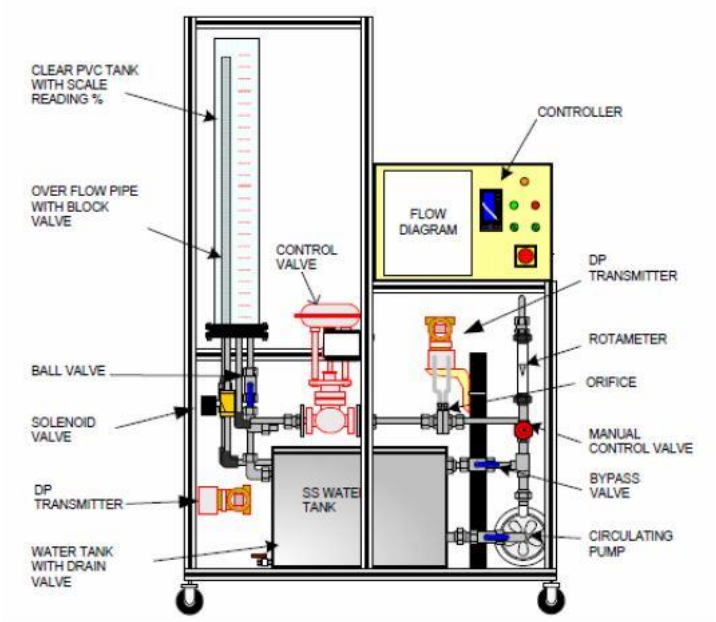
1. Process Variable & Measurement
2. Smart Transmitter , Recorder and Controller Operation , Configuration & Calibration
3. Calibration of Control Valve
4. Feed Back Control (PID Control)
5. Cascade Control

Technical Specification :

Type	Range	Accuracy (%)	Stability
1. Differential Pressure Transmitter	-10,000 to 10,000 mmH_2O		±0.1 of URL of 10 years
- Calibration Span		±0.04	
- Static Pressure		±0.2	
- Tranmitter with SIL 2 on IEC61508	4 - 20 mA , 10.5 to 32 VDC	-	
2. Differential Pressure Transmitter with Orifice Plate	-10,000 to 10,000 mmH_2O		±0.1 of URL of 10 years
- Calibration Span		±0.04	
- Static Pressure		±0.2	
- Tranmitter with SIL 2 on IEC61508	4 - 20 mA , 10.5 to 32 VDC	-	
3. Flow rate Inline Type	Max. 18L / M	-	-
4. Tank	High 1,000 mm. and Diameter 150mm.	-	-
- Scale	-20 to +120 %	-	-
5. Electro Pneumatic Control Valve (Final Element)		-	-
- Actuator Type	Diaphragm Operated		
- Action	Signal increased to OPEN (Fail To Close)		



P&ID Diagram for Control



Level Plant Model Using For :

- Increase knowledge of process control
- Gain Operating and maintenance experience, confidence, check fault diagnosis and corrective actions in case of process equipment malfunction.
- Increase operator awareness, skills and safety
- To know the strategies used to solving problems.
- Avoid the errors caused it easy to works.
- Improve working for performance and maximum success.
- Learn from the real device.
- Trainer Experience