

OPTIMUM COAGULANT DOSE ANALYZER.



MODEL : OCDA-18F

TECHNICAL SPECIFICATION

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1. Streaming Current Detector/ Optimum Coagulant Dosing Analyzer.

- Brand :PSSB
- Measurement :Streaming Current
- Power :230 Vac /1 Phase/ 50 Hz
- Range : -10.00 ODu ~ + 10.00 ODu (Optimum Dose unit)
- Accuracy :0.1%
- Display Type :LCD
- Calibration :Yes to standard solution 5.30 ODu
- Flow Rate :6 Liter/Min (Standard) or 5 GPM (Optional High Flow)
- Response Time :1 Second
- Self Diagnostic Sensor :LED
- Probe Materials :ABS, PTFE
- Outputs : 4~ 20mA
- Alarms :Yes

2. Outdoor Panel SCD.

- Type :Floor mounted.
- Material :Stainless steel

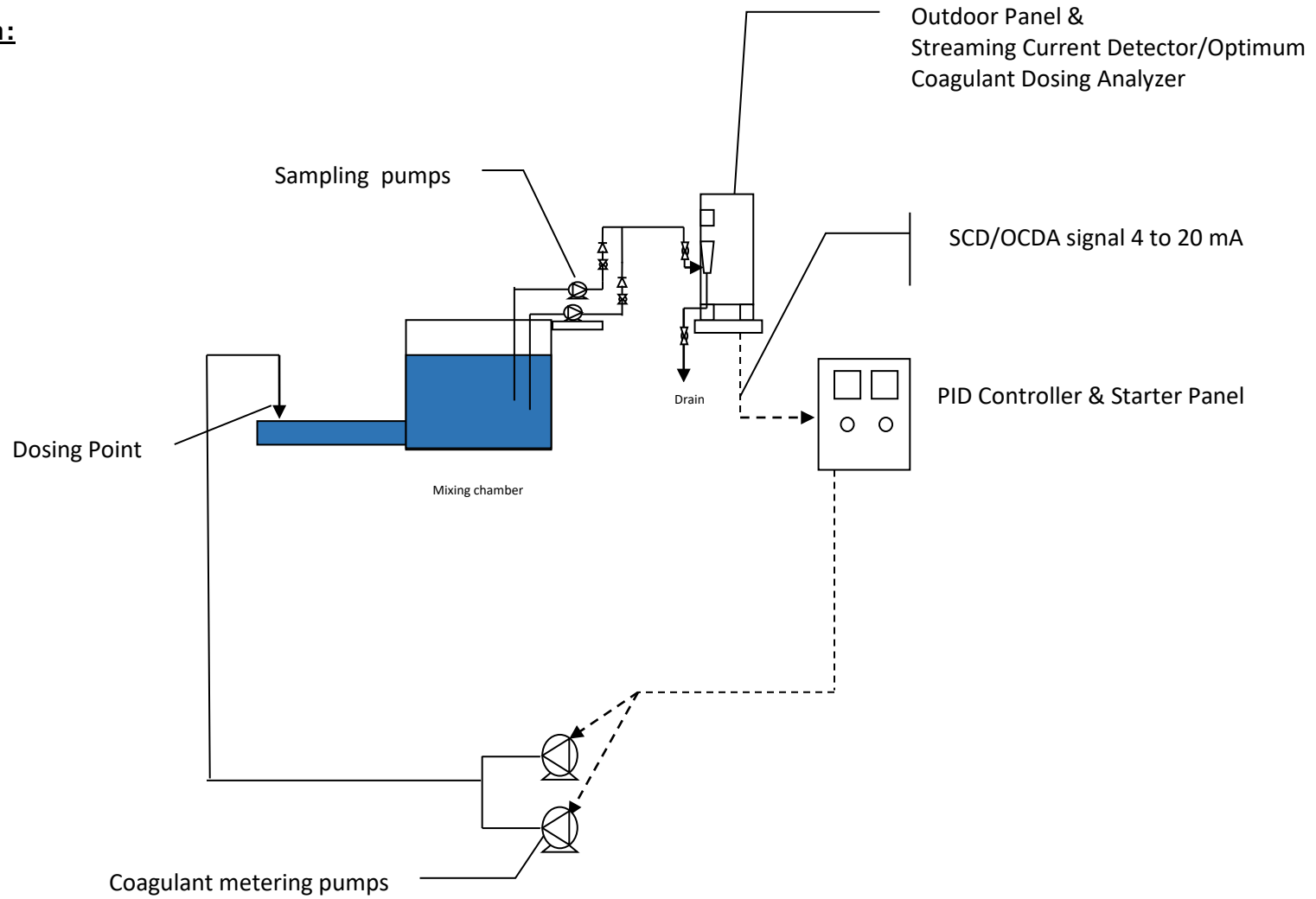
3. Sampling pump & DOL control panel.

- Sampling pump type :Self-priming end suction centrifugal
- Supply :220VAC/1PH/50 Hz
- Material :Cast iron pump Head.
- Installation :Outdoor c/w cover for pumps.

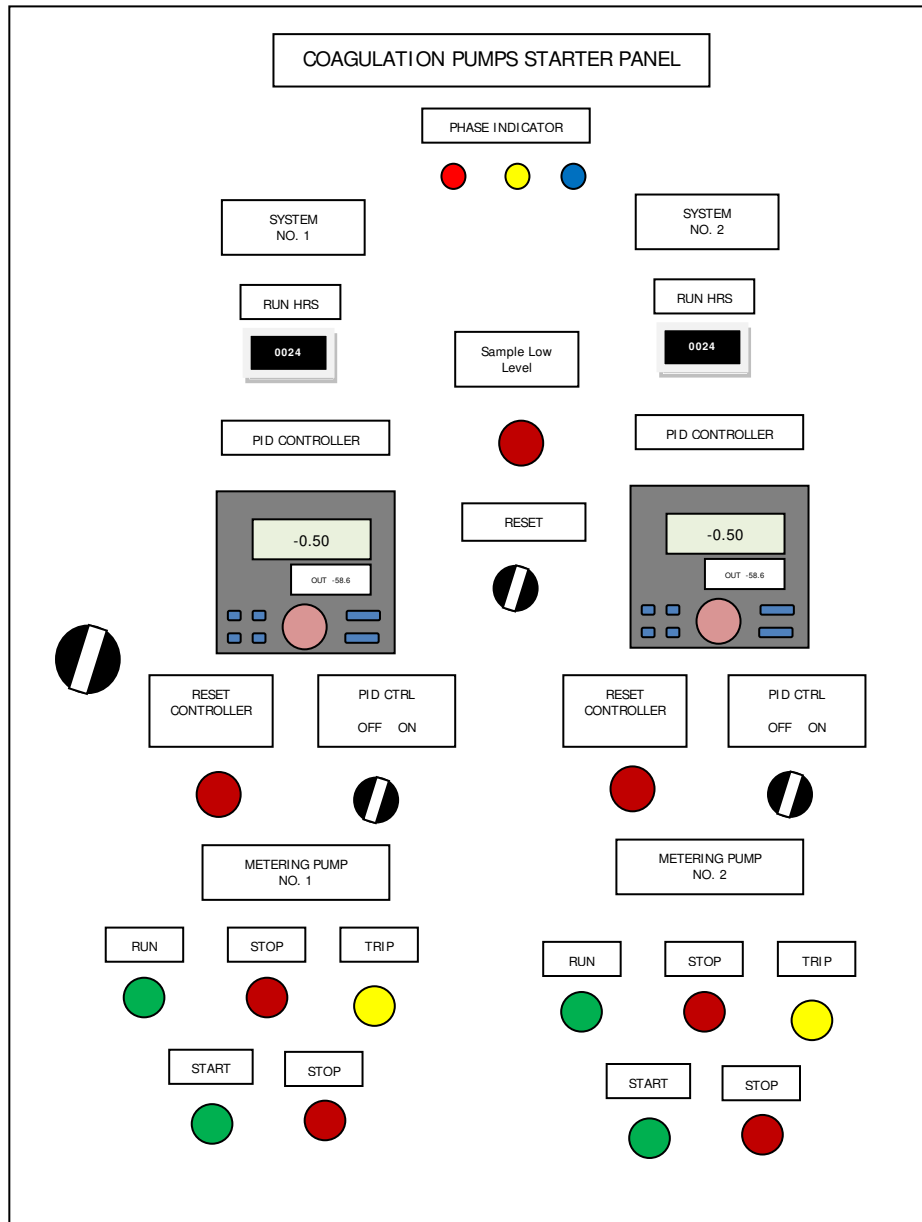
4. PID controller.

- Power Supply :AC 100 V to 240 V.
- Size :1/4 DIN
- Display Function :5 digits of PV display, Active Color PV display, Guide Scroll & Message Display Function and Bar Graph Function.
- PV Input Accuracy :0.1 % of F.S.
- PV Type Input :4 to 20 mA. Or 0 to 10 VDC.
- Control Output :Proportional, Integral & Derivative (PID) – with Super Function (Fuzzy Logic)
- Control Type Output :4 to 20 mA
- Retransmission : 1/Yes
- Programmable :Via keypad.

Diagram:



Control panel for metering pump with variable speed drive (VSD).



Descriptions:

1. DOL starter c/w VSD for metering pump motor 415VAC/3PH/50Hz; Pwr:0.75 kW.
2. PID controller:240VAC/ 1PH/50 Hz - ON/OFF switch
3. Reset controller switch NO direct contact to PID controller.
4. PID controller
5. Running hour indicator.
6. Phase indicator.