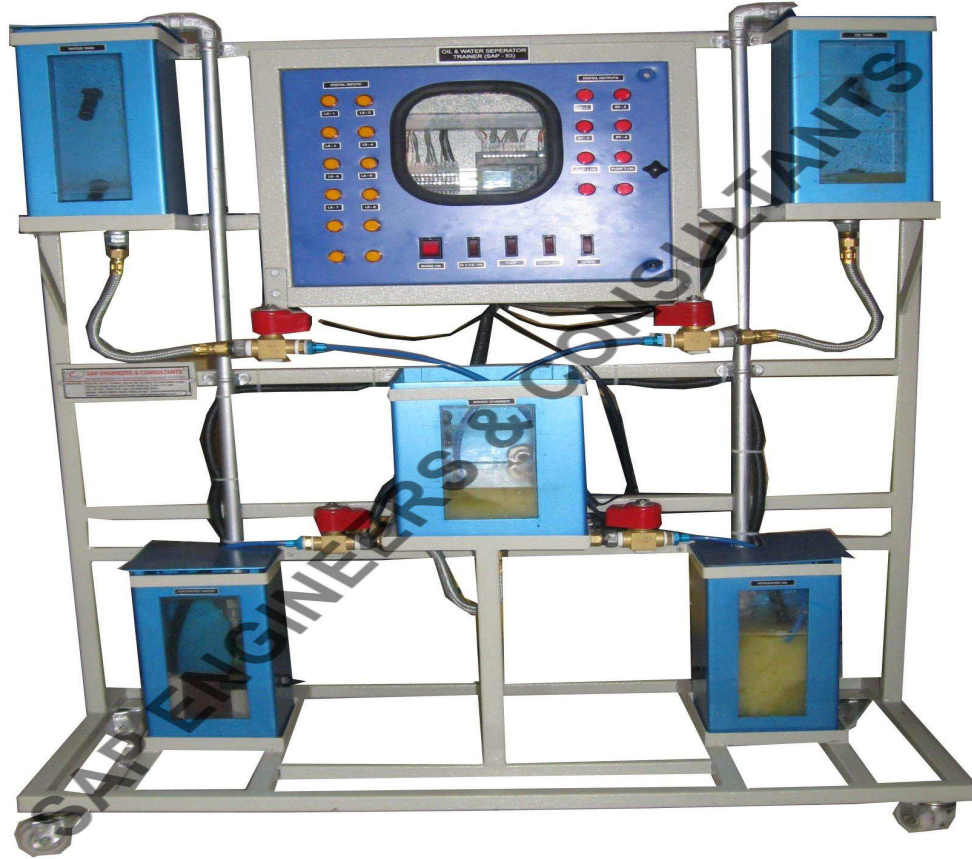


**SAP E & C PLC BASED OIL & WATER SEPERATOR
(PRODUCT CODE: SAP - 63)**



PLC BASED OIL & WATER SEPERATOR (SAP - 63)

The PLC based Oil & Water Separator (SAP - 63) gives an idea regarding the usage of Programmable Logic Controllers in an industrial environment.

Technical Specification:-

No.	Item Name	Technical Specifications
1	PLC-	Siemens Logo / Equivalent Digital inputs- 12, Digital outputs- 8. PC interface facility, PC-PLC interfacing cable. Ladder Programming Software.
2	Oil Tank-	2 Nos., Material: Transparent acrylic Dimension: Dimension 6 "X 6 "X 12"
3	Water Tank-	2 Nos., Material: Transparent acrylic
4	Mixing Tank-	Material: Transparent acrylic Dimension 8"X 8"X 10"
5	Centrifugal Pump-	1 ϕ 230V A, Vertical.
6	Level Switch-	9 Nos., Float operated, Switching voltage: 24V DC
7	Indicating Lamp-	24 VDC Operated.
8	Solenoid valve-	4 Nos., 230V Single phase. ¼" size, Vertical mounting
9	Necessary I/P- O/P simulating devices.	
10	PC interface facility: PC-PLC Cable.	

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Features-

- ❖ Turnkey system.
- ❖ Two line display on PLC unit for programming.
- ❖ Transparent acrylic tanks.
- ❖ Side mounted miniature level switches (9 no.) for level position Inputs to PLC unit.
- ❖ Solenoid valve & pump control from digital outputs on PLC.
- ❖ Ms Powder coated frame containing water tanks.
- ❖ I/P-O/P indication on front panel.
- ❖ Control panel for visual indication of process.
- ❖ Ladder diagram programming facility on PC.
- ❖ Front panel for display of digital output status.
- ❖ PLC with 12 DI, 8 DO Configurations & PC-PLC communication cable, standard Program.
- ❖ Computerized control system trainer (optional).
- ❖ Caster wheel mounted movable frame.

System Dimension: Approximately 3 Ft. (L) X 1.5 Ft. (W) X 4 Ft. (H)

Weight: Approximately 50 Kg

Services Required-

- ❖ Electric Supply of 1 ϕ 230 VAC.
- ❖ Water Supply & Drainage Arrangement.

Note-

All descriptive matter and illustrations are intended to give only a general idea of the equipment Detailed specifications may be altered at the company's discretion without any notice.

