

**SAP E & C LEVEL MEASUREMENT USING CAPACITIVE
TRANSDUCER/CONDUCTIVITY GAUGE
(PRODUCT CODE: SAP -42/42A/42B)**



**LEVEL MEASUREMENT SETUP
WITHOUT SUMP TANK &
PUMP (SAP - 42)**



**LEVEL MEASUREMENT
SETUP WITH SUMP TANK
& PUMP (SAP- 42A/42B)**

Technical Specification:-

No.	Item Name	Technical Specifications
1	Level Tank-	Dimension: 6"X 6"X24", Material P.P. 5mm thick, With Acrylic Front Fascia
2	Sump tank (Optional)-	Dimension: 1'X1'X1', Material P.P. 5 thick
3	Submersible Pump (Optional)-	Supply of 1 ϕ 230 VAC
4	Level Transmitter- (Capacitive Type) SAP-42/ SAP-42A	Range: 0-500 mm, Output: 4-20 mA Supply: 24 V DC, 100 mA. Type: 2-wire Capacitance Type. Mounting: Top 2" Screwed Connection
5	Conductivity Gauge- (Optional) SAP-42B	Range- 0-500 mm, Output : 24 VDC Supply- 24 VDC Mounting: Top 2" Screwed Connection
6	Level Indicator-	3 ½ Digit Display, Inbuilt 24VDC Supply, 1 ϕ 230 VAC Power Supply
7	Control Panel-	MS Powder Coated Frame with Indicator , Switches & Level Indicator on front fascia

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Range of Experiments:

- ❖ Study of Level Measurement Using Capacitive Level Transmitter.
- ❖ Study of Level Measurement using Conductivity level gauge (Optional).

Features:

- ❖ Compact Ergonomic Design.
- ❖ User Friendly, Self Explanatory Systems.
- ❖ Leak proof Safety Measures.
- ❖ Enhanced Electrical Safety Considerations.
- ❖ Training Manuals for Operation Ease.
- ❖ Inbuilt Safety Measures to avoid improper usage.
- ❖ Castor wheel mounted movable frame (For SAP-42A only)

System Dimensions: 1 Ft. (L) X 1 Ft (W) X 2 Ft. (H) for SAP-42 A.

Services Required:

- ❖ Electric Supply of 1 ϕ 230 VAC, 6A, 50Hz
- ❖ Water supply and 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.

