



### Description :-

- The Provided Set Is Designed To Study Of Capacitive Transducer As Water Level Measurement.
- It Has Inbuilt Excitation Source, Signal Processing Circuitry And A Digital Panel Meter Which Can Be Adjusted To Read Displacement In Mm Of Level .
- The Set Up Has A Metallic Parallel Plate Capacitor As Transducer.
- Complete Process Is Well Printed In Blocks With Test Points In Form Of Sockets To Observe / Measure Waveforms.
- The Measurement Of Level Is An Important Subject In Process Industry Such As Level Of Liquid In A Reservoir Tank There Are Three Basic Transducers Are Used In Industries.
- The Capacitive Transducer Is One Of Them.
- A Capacitor Is Formed By Two Parallel Plates (using Metallic Rod To Form Two Concentric Cylinders )which Has A Uniform Distance And Area Between Them Is Used

In Measurement.

### Specifications :-

- Excitation Source : Built In Ac Source 5 Khz Sq. Wave Approx
- Gang Condenser : Variable Condenser As Transducer
- Signal Conditioner : Op-Amp Based
- Test Points : Sockets At Differen Places For Signals.
- Potentiometer : Two For Zero(90 ) & Cal(180 ) Adjust
- Display : 3.5 Digit Digital
- Power Supply : Short Circuit & overload
- Protected
- Mains : 230v/50hz Ac

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



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