



## TWIN VOLT INNOVATIONS

Supply all over INDIA

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A Manufacturer of Automatic Water Level Controllers, Starters and Indicators

www.twinvolt.in

### FULLY AUTOMATIC WATER LEVEL CONTROLLER WITH DRY RUN PROTECTION - BORE/WELL PUMP - CONTROLLER/STARTER

#### Features:

**Model Name:** 1T - Automatic Water Level Controller

**Controls:** Bore /Well Pumps - OHT only

**Features:** Automatic ON & OFF with DRY RUN Protection

**Indications:** Power ON, Flow/Dry run, Low Level, High Level

**Method:** Direct upto 2HP, Indirect upto 90HP

**Material:** SS304 Sensors & ABS Cabin

**Sensor Type:** FG/Contact type sensors - Shock & Rust proof

**Sensor Volts:** 6 Volts with High Frequency

**Distance:** Works upto 2000 Mtrs

**Voltage Regulation:** 160V - 270V

**Applications:** Compressor, Openwell submersible pump, JET & Mono block

**Technology:** Micro controller based automatic water level controller

**Add.Feature:** Can be act as **STARTER** with automatic level controller for Open well submersible pumps



MODEL: OW S IT

#### Certified & Approved by:



GOVERNMENT OF TAMILNADU  
PUBLIC WORKS DEPARTMENT



#### Suitable for:



Mono block pump



JET pump



Compressor pump



Open well submersible pump



#### Working:

1. Auto "ON", when tank water level goes below LOW level sensor (Fixed at 50%)
2. Auto "OFF", when tank water level reached HIGH level sensor (Fixed at 90%)
3. DRY RUN sensor always monitor the flow of water at the pump delivery, in case of DRY RUN condition, the motor will be switched "OFF" in 30 seconds while running and 3 minutes during starting. Auto reset after 1 Hour if dry run occurs.
4. Monitors and controls Over head tank only
5. Customizing is possible depending on customers requirements.