

**Ref. Image****Key Features**

- Temperature, Flow, Level, and Pressure Measurement
- Use of Industrial Process Control elements like Capacitive Level Transmitter,
- Temperature Transmitter, Flow Transmitter, Pressure Transmitter, RTD and K Type
- Thermocouple Sensor, Rotameter and PID Controller, Solenoid Valve
- M.S Powder Coated Electrical Control Panel contain Start, Stop, Pump, Solenoid
- Valve, Stirrer button, Indicators for Pump, Heater, Stirrer, Solenoid Valve, Audio
- Indicator, Visual Indicator, Ammeter
- Real-time Ethernet based DAQ interface with ADC & Digital input/output
- Process Loop Tuning & Stable Process
- Process Control loops
- User Friendly Software
- Transducer/Transmitter Calibration
- Piping and instrumentation diagram
- Leak proof Safety measures, sturdy piping
- Enhanced Electrical Safety considerations
- Heat Transfer concepts
- Built-In Instrumentation
- SS Sump tank for inlet and out let of water
- Robust construction
- Platform with Caster wheel arrangement for ease in movement
- Technical Specifications
- Data Acquisition System (DAQ) Analog input : 8nos.
- Analog output : 2nos.
- Digital input : 8nos.

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



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- Digital Output :8nos.
- ADC Resolution (In Bit) :24
- Unity gain amplifier (Buffer): 2(0-5V) USB: Yes
- Ethernet: Yes
- Data Login (PC based): Yes Software: Yes
- Wheel Flow Transmitter :1no. Range :0-500LPH
- Supply Voltage :24V Output :4-20mA
- Level Transmitter :1no. Supply Voltage :+24VDC Output Voltage :4mAto20mA
- Cable Entry :2X1/2 inch BSP, SC gland brass
- User Interface :4 digit display +4Keys Readout :0-100%,4-20 mA LED (red), Digital, 2-1/2
- Outputs :420mA PNP output(3wire) or galvanically isolated(4wireloop) (User selectable) 4 - 20 mA output
- is over current safe and compatible with DAQ Measurement Range: 10- 50000pF.
- Calibration: Calibratable over measurement range.
- Calibration method: Easy (Using DIP Switches)
- Sensing rod material: Stainless steel (SS304)
- Insulation: Full PTFE
- Mains: +24VDC@25mA (reverse polarity safe)
- Probe Length :250mm Pressure Transmitter :1no.
- Measuring Range :0-1bar Output Signal :4-20mA
- Supply Voltage :24VDC
- Temperature Transmitter :1no. Supply :+24VDC
- Output: 4 to 20mA
- Temperature Range :0to100C
- RTD Temperature Sensor :1 no. Wire :3Wire
- Rod Length :6 inch Temperature Range :(-99 to 850°C)
- Thermocouple Sensor :1no. (K Type)
- Type: K Type Wire :2Wire
- Rod Length :6 inch Temperature Range: (-200 to1250°C)
- Industrial PID Controller :1 no Input: RTD(PT100), Ktype Thermocouple Display
- :7segmentLED, dual display Control Action : PID &ON/OFF Supply Voltage :230VAC
- Relay Action: Forward for cooling and reverse for heating
- Solenoid Valve :1no. Supply Voltage :+230VAC
- Pressure range :0 to10kg/cm2 Electrical Control panel:-MS Powder coated panel with switches, indicator, Test Points, PID and DAQ, Ammeter on front face, DAQ Mounted on, multi strand wire with proper insulated, lugs, ferruling & neat wire dressing& clamping
- Push to On Switch :6 nos.
- Toggle Switch :7nos.

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- Indicator Lamp :5nos.
- Audio Indicator :1no.
- Ammeter :1no.
- Range:0to5A,0.2%resolution Stirrer :1no.
- Supply :12V DC Rotameter :1no. Body : Acrylic Type Range :0-1000LPH
- Submersibles Pump :1no.
- Caster Wheel :4nos.
- Heater :1no.
- Supply:230VAC (1000Watt)
- Process (Measuring)Tank :1no. Supply (Sump)Tank: 1 no
- List of Accessories: Mains Cord- 1
- Ethernet Cable-1 Flexible Pipe-1meter

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