

Compact, low cost controller with in-built logic for RO application, can be integrated with panels of any capacity plant. This controller makes any plant operation completely automatic. The controller comes ready with RS 485 communication port which can be used for BMS/ SCADA/ REMOTE MONITORING SYSTEM.

RO-MATIC NG



TECHNICAL SPECIFICATIONS

Size	144mm x 144mm x 115mm
Cut out	138mm x 138mm
Supply	230 V A.C. ±15%
Cable Termination	Rear Terminals
Enclosure	Heavy Duty extruded Aluminum box with ABS front plate
Display	20X4 alphanumeric backlit

REMOTE MONITORING

Ensures support, track & remediate site problems in a timely & efficient manner. This service will deliver operational values through email or SMS. The user friendly web portal gives customers easy access to up to date operational date, plant status & dynamically changing reports

KEY ATTRIBUTES

- Complete **RO OPERATING LOGIC** in-built suitable for 1 stage as well as 2 stage RO
- 4 Line **ALPHANUMERIC DISPLAY** with keypad for programming & setting
- **MIMIC DIAGRAM** with 8 LED annunciator
- **IN-BUILT CONDUCTIVITY/ TDS METER**
- **IN-BUILT OPERATION HOUR COUNTER**
- **TIME LOCK FACILITY**
- **NOTIFICATION** for filter backwash and membrane cleaning
- **6 SWITCH INPUTS:**
 1. RWT level
 2. Low Pressure Switch
 3. High Pressure Switch
 4. TWT level
 5. Dosing Tank low level/LPS 2/Feed Pump Input
 6. TWT low level switch
- **2 ANALOG INPUTS:**
Can be configured as pH/ORP/Pressure/Temperature
- **8 POTENTIAL FREE OUTPUTS:**
 1. RW Pump
 2. HP Pump
 3. Flush Valve
 4. Flush Valve 2
 5. Dump Valve
 6. Alarm
 7. Transfer Pump
 8. Cleaning/Flushing Pump/HP Pump2/Feed Pump
- **RS 485 OUTPUT** for remote data transfer
- **ACCESSORY AS REQUIRED:**
 - 2 Flow sensors
 - Smart transmitter (pH/ ORP)
 - Pressure/ temperature transmitter



GSM/ GPRS



Database Server



Application Server



Email Alerts



SMS Alerts



Alarm



Excel Format



PDF Format



Tabular Format



Trends Format

Available with: