

Compact, low cost controller with in-built logic for Sequential Batch Reactor 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.

SBR-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

KEY ATTRIBUTES

- Complete **INFFLUENT TREATMENT OPERATING LOGIC** in-built.
- 4 Line **ALPHANUMERIC DISPLAY** with keypad for programming & setting
- **MIMIC DIAGRAM** with 12 LED annunciator
- **IN-BUILT FLOW RATE INDICATOR AND TOTALISER**
- **IN-BUILT OPERATION HOUR COUNTER**
- **TIME LOCK FACILITY**
- **AUTOMATICALLY SWITCHES OVER TO STANDBY MOTOR**
- **4 SWITCH INPUTS:**
 1. Equilisation Tank Level
 2. SBR Tank Level
 3. Intermediate Storage
 4. Remote Fault/Motor Overload
- **10 POTENTIAL FREE OUTPUTS:**
 1. Raw Sewage Pump(1W+1S)
 2. Air Blower (1W+1S)
 3. Sludge Transfer Pump (1W+1S)
 4. Filter Feed Pump (1W+1S)
 5. Air Inlet Valve
 6. Decanting Valve
- **RS 485 OUTPUT** for remote data transfer
- **ACCESSORY AS REQUIRED:**
 - Flow sensor
 - Level Switch/Floaty

REMOTE MONITORING

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



GSM/ GPRS



Database Server



Application Server



Email Alerts



SMS Alerts



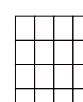
Alarm



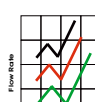
Excel Format



PDF Format



Tabular Format



Trends Format

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