

Compact, low cost controller for UF 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.

UF-MATIC



TECHNICAL SPECIFICATIONS

Size	144mm x 144mm x 115mm
Cut out	138mm x 138mm
Supply	230 V A.C. ±10% 50/60 hz
Cable Termination	Rear Terminals
Enclosure	Heavy Duty extruded Aluminum box with ABS front plate
Display	16X2 alphanumeric backlit

KEY ATTRIBUTES

- **HEAVY DUTY EXTRUDED ALUMINUM BOX** with ABS front plate
- **PRESS FITTABLE REAR TERMINAL STRIP** for ease of wiring
- **16X2 ALPHANUMERIC DISPLAY** to show step number, step name & timing
- **SEPARATE LED** for every input & output
- **UNIVERSAL** Suitable for any logic & for all types of UF membranes
- **USER SETABLE** Upto 10 valves & 2 pumps programmable at site
Output 10 can be **PROGRAMMED AS ALARM OR NORMAL OUTPUT**
- **CAN PROGRAM UP TO 30 STEPS**
- **ALL TIMINGS ARE SETTABLE AT SITE**
User setable frequency for **CEB & BACKWASH CYCLES**
- Option to have **BACK TO BACK OR ALTERNATE CEB**
- Setable pump ON & pump OFF delay **AVOIDS WATER HAMMERING**
- Can be used even for **MB AUTOMATION/ FILTER/ SOFTENER AUTOMATION**
- **ADVANCE CONTROLLER REMEMBERS ONGOING STEP & TIME ELAPSED** (if > 5 minutes)
- **SHUTS OFF ALL OUTPUTS** after 30 seconds if any fault occurs thus prevents unnecessary powering of valves
- **6 SWITCH INPUTS**
 - RWT level
 - TWT level
 - Dosing Tank Level
 - TW low level
 - Pressure input/High/Low/Differential
 - Remote Fault
- **ONE FLOW INPUT** (with in-built totaliser)

REMOTE MONITORING

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



GSM/ GPRS



Database Server



Application Server



Email Alerts



SMS Alerts



Alarm



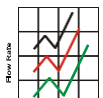
Excel Format



PDF Format



Tabular Format



Trends Format

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