

UF NXT PLUS CONTROL PANEL



Compact Microprocessor based PLUG & PLAY Control Panels with plant operation programmable and all safeties inbuilt. These panels along with the required level and pressure switch help in making the entire plant completely automatic.

ASTERO UF NXT PLUS



Panel Configuration	UF NXT PLUS
Overall Size	400 x 325 x 130
Display	20 X 4 Graphic display
Input	RWT Level, TWT Level High Pressure, Dosing Tank Level, TWT Low Level, DPS 2 FLOW INPUT (WITH TOTALISER FOR CHANNEL ONE)
Raw Water Pump	5 HP 3 Φ
Backwash Pump	5 HP 3 Φ
Spare Pump	02 Nos 5 HP 3 O
Doser	2 Nos
Output (valves)	10 Solenoid/Motorised
Communication	RS-485

* All dimensions are in mm

* Higher HP optional

KEY ATTRIBUTES

- INTUITIVE & PATENTED USER INTERFACE
- DUST & VERMIN PROOF ENCLOSURE
- 10 KEYS FOR SIMPLER SETTING
- QUICK ACCESS TO CRITICAL SETTING
- MIMIC DIAGRAM with BRIGHT RED COLOR LED's for ease of understanding.
- In built switch gears for Feed & backwash pump with required MOTOR PROTECTION
- CONNECTIONS SUITABLE FOR SOLENOID AS WELL AS MOTORIZED VALVE
- EQUIPED TO SUIT AUTO MULTI PORT VALVE IN PRETREATMENT
- PROVISION TO CONNECT DPS (Differential pressure switch)
- SEPARATE OUTPUTS for dosing pumps during Chemical enhanced backwash.
- OPTION TO HAVE BACK TO BACK OR ALTERNATE CEB
- PROVISION FOR CHLORINE DOSING DURING SERVICE & FORWARD FLUSH.
- ALL STEP TIMINGS ARE SETTABLE AT SITE.
- Set-able Pump on & Pump off delays to AVOID WATER HAMMERING.
- PROGRAMMABLE LOGIC SUITES ANY TYPE OF MEMBRANES.
- Facility to HOLD/SKIP/STOP any step.
- USER SETTABLE FREQUENCY for CEB & Backwash cycles.
- IN BUILT SAFETY against over pressurizing of membrane due to valve malfunction.
- In built memory REMEMBER TIME ELAPSED upon power failure & resumes operation from that point
- PROVISION OF CIP CYCLE - Can be initiated with a press of a button
- INBUILT FLOW RATE INDICATION WITH TOTALISER
- Spare pump can be configured as
 - STAND BY FOR RAW WATER PUMP
 - STAND BY FOR BACKWASH PUMP
 - AIR BLOWER - CIP

