

An excellent alternative for conventional electrical panels. As it has all the switchgear(MCB, Contactor etc) inbuilt with required safeties & plant operation preprogrammed. These panels along with the required level switches help in making the entire plant completely automatic. Ideally suitable for small & medium sized plants as every switchgear has a standby with automatic changeover. This ensures plant functionality round the clock.

WASTEWATER PANEL



ASTERO NXT WASTE WATER



Overall Size	700 (H) x 400 (V) x 225 (D) mm
Display	20 X 4 graphic display
Mounting	Wall/ Skid Mount
Influent Transfer Pump (1W + 1S)	5 hp 3Φ
Air Blower (1W + 1S)	10 hp 3Φ
Filter Feed Pump (1W + 1S)	5 hp 3Φ
Sludge Drain Pump (1W + 1S)	5 hp 3Φ
Spare Pump (1W)	5 hp 3Φ
Input	6 SWITCH INPUTS (EQUILISATION TANK LOW LEVEL, CLARIFIED WATER TANK LOW LEVEL, SETTLING TANK LOW LEVEL, PUMP COUNT, DOSING LOW LEVEL, REMOTE FAULT) + 1 Pulse input for Flow sensor
Output	INFLUENT TRANSFER PUMP, AIR BLOWER, FILTER FEED PUMP SLUDGE DRAIN/RECIRCULATION PUMP, SPARE PUMP, DOSER, ALARM

H- horizontal, V- vertical

KEY ATTRIBUTES

- **DUST & VERMIN PROOF ENCLOSURE**
- **COMPLETE INFLUENT (EFFLUENT/SEWAGE) TREATMENT LOGIC** programmed
- **ALL PUMPS 1 WORKING + 1 STANDBY** auto changeover (Time or Fault based)
- **MIMIC DIAGRAM** with 13 LEDs for I/O indication
- **20X4 GRAPHIC LCD DISPLAY** with keypad for programming
- **AUTOMATICALLY DRAINS** the SLUDGE after a set period
- **SPARE PUMP CAN BE USED AS AGITATOR/SCREW PUMP/FILTERPRESS FEED PUMP etc**
- Takes care of required **MOTOR PROTECTION** such as overload/single phasing/dry running
- **SEMI AUTO/AUTO/MANUAL FACILITY** (motor protection never get bypassed irrespective of operation mode)
- **IN BUILT FLOW RATE INDICATOR WITH TOTALISER**
- **IN BUILT OPERATION HOUR COUNTER** for individual pumps
- **IN BUILT TIME OUT** facility, panel itself can work as recovery agent
- **IN BUILT HOOTER**
- **COMMUNICATION PORT READY**
- **PASSWORD PROTECTED** settings
- **IN BUILT EXHAUST FAN & LOUVERS FOR COOLING**
- **QUICK ACCESS TO CRITICAL SETTING**

Remote monitoring optionally available*

