

An excellent alternative for conventional electrical panels. As it has all the switchgear(MCB, Contactor etc) & Energy meter 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



Overall Size	550 (H) x 700 (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 DOL Time based changeover
Filter Feed Pump (1W + 1S)	5 hp 3Φ
Sludge Drain Pump (1W + 1S)	5 hp 3Φ Cycle based changeover
Spare Pump (1W)	5 hp 3Φ
Input	6 SWITCH INPUTS (EQUILISATION TANK LOW LEVEL, CLARIFIED WATER TANK LOW LEVEL, SETTLING TANK LOW LEVEL, PUMP CONTACT, 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

ASTERO NXT WASTE WATER 2.0

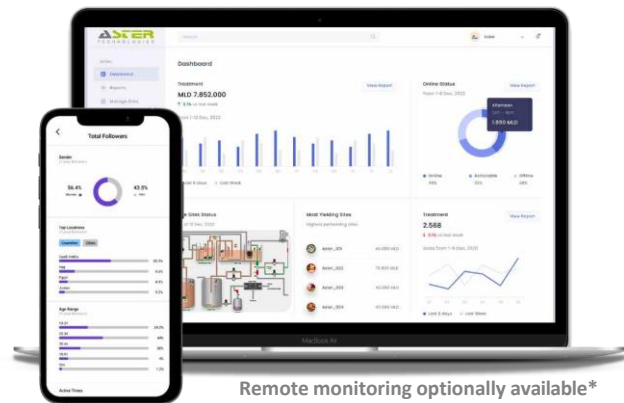
H- horizontal, V- vertical

KEY ATTRIBUTES

- **COMPACT & DURABLE DESIGN** dust and vermin proof enclosure for long lasting reliability
- **INDUSTRIAL ENCLOSURE DESIGN WITH LOUVERS FOR COOLING**
- **COMPLETE ETP/STP LOGIC** preprogrammed
- **24 X 7 UNINTERRUPTED FUNCTIONALITY** automatic pump changeover (Time or Fault based)
- **AUTOMATIC SLUDGE DRAIN** after a set period
- **SPARE FEEDER 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 gets bypassed irrespective of operation mode)
- **SMART PERFORMANCE TRACKING** built in flow rate indicator, totalizer and operation hour counter(for individual pumps)
- **IN BUILT HOOTER**
- **IN BUILT ENERGY METER**
- **IOT & COMMUNICATION PORT READY** remote monitoring & data access capabilities
- **PASSWORD PROTECTED** settings
- **QUICK ACCESS TO CRITICAL SETTING**

REMOTE MONITORING*

- **SITE STATUS**
- **ALERTS**
- **REPORTS**
- **SITE MANAGEMENT**
- **USER MANAGEMENT** • **MAINTENANCE**



Remote monitoring optionally available*
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