

SENTINEL

Premium Autonomy and Protection for Swimming Pools

SENTINEL PRO HVY

- Size: (H)600mm x (W)490mm x (D)150mm
- Information displayed on a 10.1 full colour HD touch screen
- Digital sensor suite to analyse pH, sanitiser, temperature, total dissolved solids (TDS), and filter pressure
- Sensor block incorporates UV sterilisation to maximise sensor accuracy and longevity
- Easy 'in block' and 'over the air' sensor calibration to prolong the life of sensors and probes

- Autonomous control of up to 5 dosing pumps for pH plus, pH minus, sanitisers and flocculants
- Includes 5 dosing pumps for pH plus (alkali) and pH minus (acid), chlorine, Active Oxygen and flocculant
- Smart dosing will adapt flow rate and dosing speed to compensate for system pressures
- Dose pH plus (alkali) and pH minus (acid) in addition to chlorine, Active Oxygen, or a combination of both
- Hierarchy technology removes the risk of any 2 dosing pumps running at the same time

- Includes 5 x 400 litre day tanks to store pH, sanitiser and flocculant chemicals
- Day tanks or carboys incorporate chemical level sensors which automate a low level alert to your Twitter or email account
- Day tanks can easily be daisy chained together to increase chemical storage volume
- Control of up to 5 agitators for large domestic and commercial chemical day tanks
- Monthly analytics report is sent to any designated email address

- Scheduled filtration cycles using date and time from the internet
- Global location detection enabling scheduled filtration to operate on the most cost-effective electricity tariff for your area
- Includes 5 digital motorised butterfly valves
- Control of up to 5 butterfly valves for commercial backwashing via digital pressure sensor
- Autonomous backwashing of filters, analysed and controlled via digital pressure sensors
- Operation of pump inverter for high velocity backwashing of sand filters
- Purging of multicyclone pre-filters via scheduled timer or digital pressure sensor
- Scheduled control of any UV or Ozone systems

- Water levelling control of top up, full or partial draining, and balance tank
- CO2, Ozone and chlorine gas detection
- Control of water and air heating, Air Handling Unit (AHU) takeover

- All Sentinel Pro systems pay for themselves, typically within 3-5 years
- All Sentinel Pro systems benefit from a 10-year warranty including a quarterly service (terms apply)

