



## ULTRODIN - UV DISINFECTION SYSTEMS

### SYNERGY 3 - LOCAL CONTROL PANEL

Power Requirements	
Lamp Power Supply	High Frequency Electronic Ballast
Mains Power	230 V/ 1 Phase + Neutral + Earh
Frequency	50 /60 Hz
Key Features	
Cabinet Rating	IP54
Operational Temperature	Max Working Ambient Temperature +35 °C
Installation	Wall Mounted
Cabinet	Mild Steel - Epoxy Coated - Hinged Enclosure
Standard Colour	RAL 7035
Protection	Door Locked Isolator
Installation	Install in a dry and well ventilated area, out of direct sunlight
Control & Display	
Control:	Microprocessor - with STOP / START / RESET soft touch push button suitable for gloved
LED Indicators:	operation System Running
	Process Interlock (Pump Interface)
	Change Lamp
	Panel Over Temperature Fault
	Bleed Temp (Temperature Monitor Option)
	Lamp Fault
	Chamber Over Temperature Fault (Temperature Monitor Option)
Digital Display:	Hours Run Meter
LED Bar Graph Display:	UV Intensity
	Chamber Temperature (Temperature Monitor Option)
Output & Input	
Output:	System Healthy Contact (VFC)
	Water Shut Off Solenoid Contact (VFC)
	UV Intensity Healthy Contact (VFC)
	High Temperature Bleed Solenoid Contact ( Temperature option) (VFC)
Input:	Remote STOP / START (Selectable) (VFC)
	Pump RUN / Stop Process Interlock (Selectable) (VFC)
Options & Upgrades	
Material Upgrade	304 Stainless steel / 316L Stainless Steel
UV Monitoring Option	AT-605 / AT-463 / AT-900
Temperature Probe	AT-487 (PT-100)
Wiper System	Automatic Wiper System

#### Synergy Range

The Ultrodin market leading SYNERGY 3 control panel provides a high specification control system that offers a range of key instrumentation and monitoring features.

### TYPICAL LAYOUT

