ULTRODIN - UV DISINFECTION SYSTEMS

SYNERGY 2 - LOCAL CONTROL PANEL

Standard Lamp Power	
15 W	Low Pressure Lamp
30 W	Low Pressure Lamp
55 W	Low Pressure Lamp
75 W	Low Pressure Lamp
120 W	Low Pressure, High Output Amalgam Lamp
200 W	Low Pressure, High Output Amalgam Lamp
325 W	Low Pressure, High Output Amalgam Lamp
Power Requirements	
Lamp Power Supply Type	High Frequecny Electronic Ballast
Mains Power Supply	230 V / 1 Phase + Neutral + Earth
Frequency	50 I 60 Hz
Design Features	
Ingress Protection	IP54
Operational Temperature	Max Working Ambient Temperature +35 degrees C
Installation	Wall Mounted
Enclosure Construction	Mild Steel - Epoxy Coated - Hinged Enclosure
Standard Colour	RAL 7035
UV Intensity Monitor	Included as Standard (AT-605)
Control & Display	
Control:	Microprocessor - with STOP / START / RESET soft touch push button suitable for gloved operation
LED Indicators:	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)
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	
	Chamber Temperature monitor - AT-487 (PT100)

Synergy Range

The Ultrodin SYNERGY 2 panel provides a high specification control system with a simple and easy to operate control interface.

TYPICAL LAYOUT

Synergy 2 - Dimensions	
Width	435mm
Height	275mm
Depth	167mm
Weight	9kg
Standard cable length	5 metres
Maximum cable distance	Other Cable Lengths Available On Request