SYNERGY 2 - LOCAL CONTROL PANEL

**Power Requirements**
- **Lamp Power Supply Type**: High Frequency Electronic Ballast
- **Mains Power Supply**: 230 V / 1 Phase + Neutral + Earth
- **Frequency**: 50 / 60 Hz

**Design Features**
- **Ingress Protection**: IP54
- **Operational Temperature**: Max Working Ambient Temperature +35°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 (PT-100)

<table>
<thead>
<tr>
<th>Standard Lamp Power</th>
<th>Low Pressure Lamp</th>
</tr>
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<tbody>
<tr>
<td>15 W</td>
<td></td>
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<tr>
<td>30 W</td>
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<tr>
<td>55 W</td>
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<tr>
<td>75 W</td>
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<tr>
<td>120 W</td>
<td>Low Pressure, High Output Amalgam Lamp</td>
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<tr>
<td>200 W</td>
<td>Low Pressure, High Output Amalgam Lamp</td>
</tr>
<tr>
<td>325 W</td>
<td>Low Pressure, High Output Amalgam Lamp</td>
</tr>
</tbody>
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