MaVi-S Light Source
High Intensity Xenon Strobe Light Source for Stop Motion Imaging.

- Coupled with ColdVision light guides, the MaVi-S emits brief and intense light pulses that result in bright, clear and high-contrast images
- High speed applications, short flash times are required as well as adjustable delays to capture the required images and information
- Applications include wafer inspection, bottle inspection, matrix code reading, and diamond quality control
- CE Approved, ROHS compliant

**Product and Performance Characteristics**

**IR Spectrum MaVi-S (without Filter)**

**Spectrum MaVi-S (without Filter)**
Specifications

<table>
<thead>
<tr>
<th>Technical Data</th>
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</thead>
<tbody>
<tr>
<td>Lamp type</td>
<td>Xenon Flashlamp</td>
</tr>
<tr>
<td>Maximum energy</td>
<td>Up to 2.16 J</td>
</tr>
<tr>
<td>Frequency range</td>
<td>1 Hz - 200 Hz</td>
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<tr>
<td>Flash duration</td>
<td>Approx. 6 µs</td>
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<tr>
<td>Pulse to pulse stability</td>
<td>2.5% from flash to flash with no loss of flashes</td>
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Electronic data

- Intensity regulation: Via control panel computer (RS 232) or analog input
- Computer interface: Control of up to 9 MaVi-S light sources
- Burst function: Generation of several flashes by one trigger pulse
- Power supply: 100 V - 260 V, 50 Hz - 60 Hz
- Power consumption: 75 Watt
- Fuses: 1.6 A (slow blow)
- Protection class: 1 (protective grounding)
- Electrical safety: IEC/EN 61010 and IEC/EN 61000

Ambient Conditions

- Operating temperature: 0°C to 43°C
- Storage temperature: -40°C to 90°C
- Relative humidity: Max. 80 %, non condensing

Housing

- Outer dimensions: 110 mm x 200 mm x 180 mm
- Weight: 2 kg

RS232 Interface

All specifications are subject to change without prior notice.
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