

MaVi-S Light Source

High Intensity Xenon Strobe Light Source for Stop Motion Imaging.

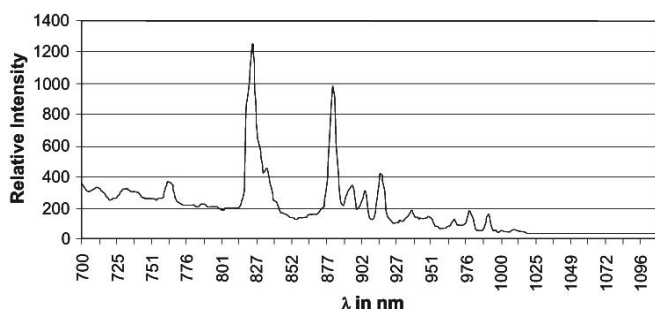


MaVi-S Light Source

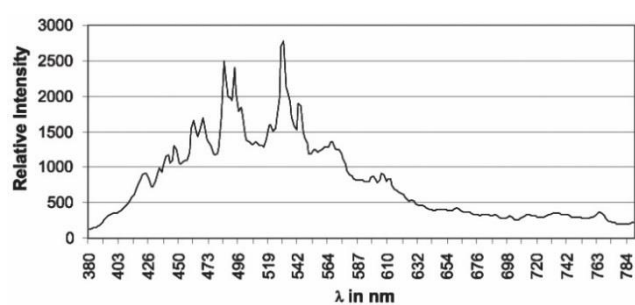
Product and Performance Characteristics

- 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, matric code reading, and diamond quality control
- CE Approved, ROHS compliant

IR Spectrum MaVi-S (without Filter)



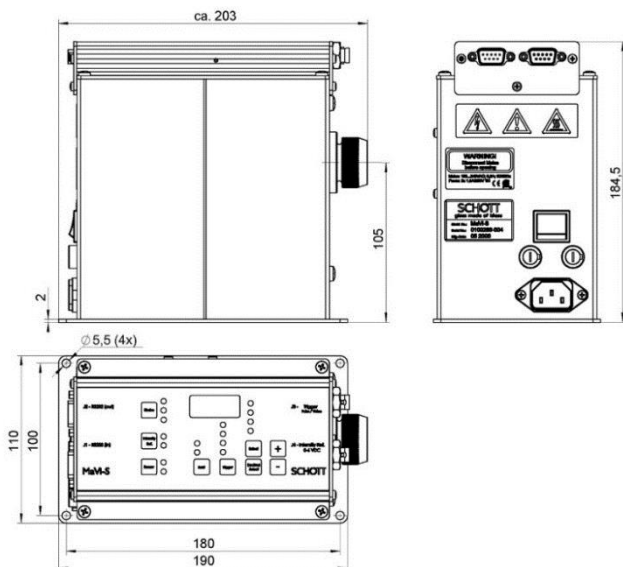
Spectrum MaVi-S (without Filter)



Specifications

| Technical Data | |
|--------------------------|---|
| Lamp type | Xenon Flashlamp |
| Maximum energy | Up to 2.16 J |
| Frequency range | 1 Hz - 200 Hz |
| Flash duration | Approx. 6 µs |
| Pulse to pulse stability | 2.5% from flash to flash with no loss of flashes |
| 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 Jz - 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





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