



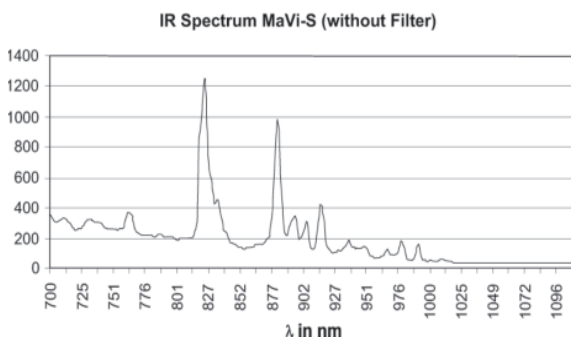
MaVi-S light Source

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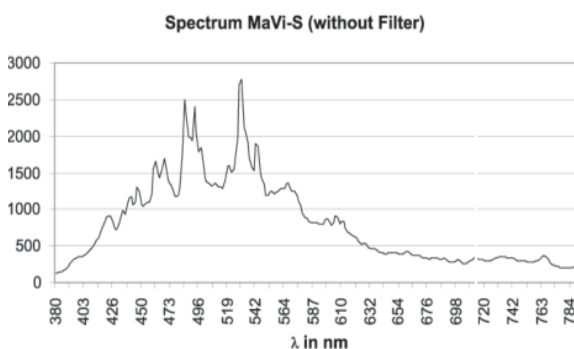
High Intensity xenon stobe light source for image processing in an industrial environment.

Standard Features

- Used together with SCHOTT light guides, the MaVi-S emits brief and intense light pulses that result in bright, clear and high-contrast images, a valuable tool for many applications, e.g. wafer inspection, bottle inspection, matric code detection and diamond quality control.
- When samples are moving very fast, short flash times are required as well as adjustable delays to capture the required pictures and information.
- CE Approved
- ROHS compliant.



IR Spectrum



VIS Spectrum

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 6100

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

