

MaVi-S

High intensity xenon strobe light source



SCHOTT introduces the MaVi-S, a new high intensity xenon stroboscope for image processing in an industrial environment.

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, matrix code detection and diamond quality control.

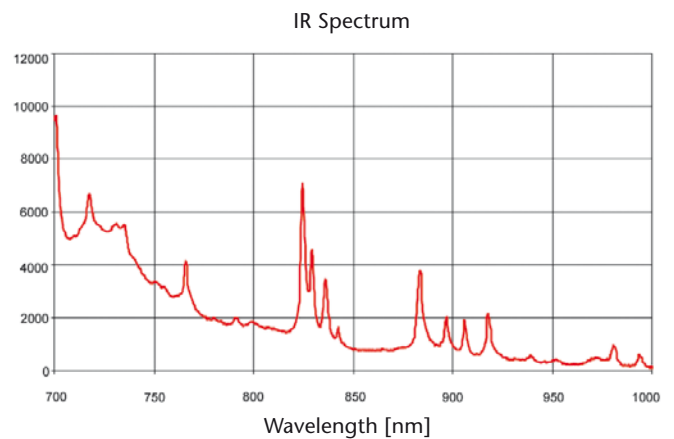
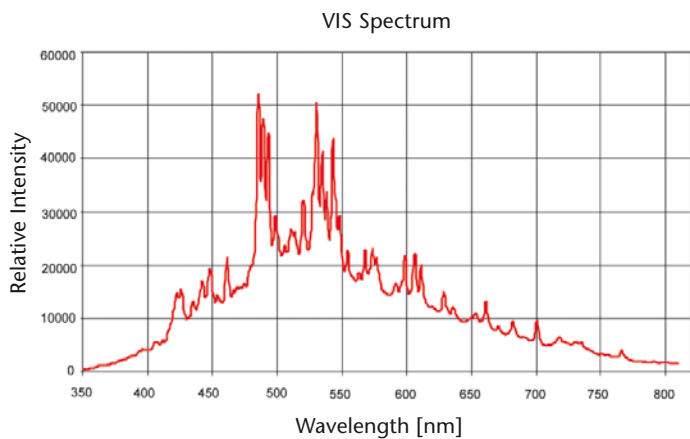
When samples are moving very fast, short flash times are required as well as adjustable delays to capture the required pictures and information.

Technical Data

Lamp type	Xenon flashlamp
Maximum energy	Up to 2.16 J
Frequency range	1 Hz – 200 Hz
Flash duration	Approximately 6 μ s
Flash delay	Adjustable up to 3 ms in 0.01 % steps
Pulse to pulse stability	2.5 % from flash to flash with no loss of flashes

CE approved

RoHS compliant



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 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

For more information please contact:

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