

## Machine Vision and Optical Inspection Ultra stable Xenon Strobe

Building on its experience of the design and manufacturing of Xenon strobes, Phoxene has introduced the Sx-1, a Xenon stroboscope complying with needs of intense, brief and very stable flashes for **Machine Vision** and **Automated Optical Inspection** applications.

- ▶ **High light output and short pulse duration**

- ▶ **Light output stability <5% over 10 Millions shots** - not only from flash to flash as commonly available on the market

*“ The Sx-1 strobe incorporates a Real Time light output control to guarantee perfect stability over lifespan ”*

- ▶ **Compact design**



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### ► Specifications

Luminance stability	%	< 5 over 10 <sup>6</sup> shots
Color stability	%	< 8 over 10 <sup>6</sup> shots
Maximum repetition rate	Hz	10
Beam angles	°	Upon requirements
Pulse duration	µs	<60
Rising time	µs	10 +/- 2 us
Energy per shot	J	2.5
Input voltage	V	12
Lamp lifespan	Shot	30 Millions
Average power	W	45
Weight	kg	1.5
Dimensions	mm	H 83 x W 120 x L 155
Trigger mode	CMOS/TTL – Isolated -DC	
Power & Trigger connector	SubD 9	
Interface connector	USB	

***More information ? Test unit availability ? Quotation ?***

*Contact us for more details : [Jc.sirieys@phoxene.com](mailto:Jc.sirieys@phoxene.com)*