

## Short and stabilized pulse Xenon Flash

Thanks to a Phoxene patented technology for regulating in real time the light emitted, Sx-1 flash strobe has a high stability in light emission over the entire life of the flash unit. It addresses primarily machine vision applications when very short exposure time and high color rendering are required.

- ▶ **Light output stability <5% over 10 Millions shots** - not only from flash to flash as commonly available on the market
- ▶ **Pulse duration < 60  $\mu$ s**



## ► Specifications

Luminance stability	%	< 5 over 10 <sup>6</sup> shots
Color stability	%	< 8 over 10 <sup>6</sup> shots
Maximum repetition rate (Hz), 24/24h at 25°C*	Hz	10
Minimum time between shots	ms	10
Pulse duration	µs	< 60
Energy per shot	J	2,5
Monitoring and Control interface	-	✓
Energy adjustment interface	-	✓
Back panel switch for energy adjustment	-	✓
Lamp lifespan	Shot	> 30 millions
Input voltage	V	12
Average power	W	40
Idle consumption	W	< 2
Weight	kg	1.5
Dimensions	mm	H 83 x W 120 x L 155
Operating ambient temperature	°C	-20 to +55
Trigger mode	CMOS/TTL – Isolated -DC	
Power & Trigger connector	SubD 9	
Interface connector	USB	

\* at 20 J energy per shot