



Hawkeye and Luxxor Light Sources

Lighting options for Hawkeye Borescopes

Hawkeye borescope systems can be supplied with four different light sources depending on the application requirements. The Hawkeye classic range comes with the Mini-Maglite system as standard, whereas the Hawkeye Pro range is supplied with the higher specification SuperNOVA rechargeable light source. The SuperNOVA system is bright enough for all but the largest and darkest cavities and shows detail which could be missed with a less powerful light.



Luxxor 24 and 50 Light Sources

Luxxor light sources use super-bright, highly efficient metal-halide arc lamps. In order for them to be used with the Hawkeye borescopes, they require a Luxxor fibre-optic light guide.



The Luxxor 24 light source has a 24 watt metal-halide arc-lamp, providing a very high brightness level. It is 60% brighter than a typical 150-watt halogen light. It is used for dark, deep work pieces and for video or digital image capture.

The Luxxor 50 unit with its 50 watt metal-halide arc-lamp is a high intensity system and is suitable for image capture in very large, dark cavities such as the combustion chambers of turbine engines, large diesel engine cylinders and tanks.

Luxxor Light Guide

The high quality 2.1m long Luxxor light guide can be used with any Hawkeye borescope and is required for all Luxxor light sources. Light is transmitted through glass fibre optics which are surrounded by a protective stainless steel coil. High light transfer efficiency is assured with its 4mm diameter active area.



Specification

Description	Model	Relative Intensity	Power source	Run time (continuous)	Expected lamp life (Hrs)	Weight (Kg)
Mini-Maglite	MMAA	1X	AA Alkaline	1 Hour	2 (Approximately)	0.142
Hawkeye SuperNOVA	SuperNOVA	10X	Rechargeable Lithium-ion	1 Hour	25	0.380
Luxxor 24	LXX24	30X	110V-220V	Indefinite	500	1.0
Luxxor 50	LXX50	60X	110V-220V	Indefinite	2500	2.4