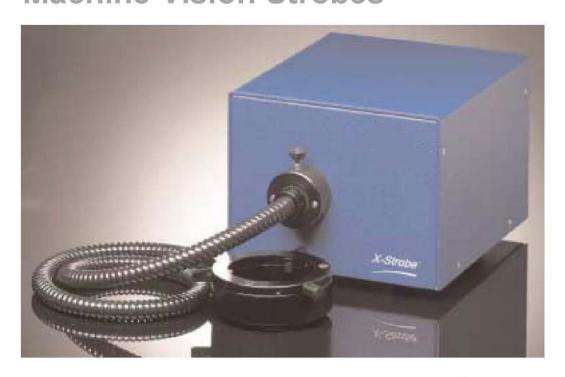Lighting | Imaging | Telecom

Machine Vision Illumination Systems

X-Strobe™ Series
Machine Vision Strobes

Description

If you are looking for an advanced machine vision strobe illumination system, you will find it in   new X-Strobe™ series. It is high output, long life, small size and superior reliability that make this strobe the first choice for all types of machine vision applications. The X-Strobe™ incorporates our latest innovations in xenon flashlamp technology, power supply engineering, trigger performance, and reflector design while meeting CE requirements. Features include variable intensity control and more light output per watt than our MVS-2020, MVS-2027, and MVS-7000 Series making the X-Strobe™ our most versatile strobe series.

The xenon flashlamp produces intense pulses of radiant energy covering the ultraviolet (UV), visible (VIS) and near infrared (NIR). When coupled to a CCD-CID camera system, the strobe "freezes motion" which eliminates blur and enhances image quality. Several variations of the X-Strobe™ are available, each optimized for maximum light output within a range of flash rates. External signal inputs allow you to further customize the strobe to your application.

The X-Strobe™ series is designed to the latest European CE directives for Safety and Emission, (certification by May 2001). The universal AC power supply recognizes AC voltage from 100V to 240V with line frequencies from 50–60Hz. The installation of the xenon flashlamp provides easy and quick lamp replacement. Various nose pieces and adapters are available in sizes up to 1" in diameter to fit with the most common fiber optic bundles.

Features

- High intensity full spectrum light
- Short pulse width
- Small size
- Long life
- Improved stability
- Universal AC input (100-240 VAC)
- CE designed (certification by May 2001)
- Configured for various fiber optic light guides
- Inputs for external trigger and intensity control
- Easy and quick lamp replacement

EXCELITAS
TECHNOLOGIES