

## Fluorescence Illumination System

### **XCite-120 Light Source** for Fluorescence Illumination

The next-generation X-Cite 120XL system, replacing the highly successful X-Cite 120, delivers excellent image quality and at least 2000 hours of lamp life, which is over 60% longer than the previous model and up to 10 times longer than conventional illumination systems. The X-Cite® 120XL, which operates much more quietly than the previous X-Cite 120 for an improved work environment, is a self-contained illumination unit separate from a microscope. A simple light guide attachment through custom-coupling optics ensures a uniform field of view with no heat from the lamp being transferred to the sample. The output intensity of the X-Cite 120 system can also be adjusted from the optional front-panel control.

The X-Cite 120XL is pre-aligned to make changing lamps a fast and simple one-step process. It uses a 120-watt lamp to deliver rich spectral excitation with a more uniform field of view than conventional fluorescence illumination systems. With each lamp now lasting over 2000 hours, customers will save even more time and money with significantly fewer lamp replacements.



#### **Accessories:**

- microscope lens adapter
- light guide
- mercury short arc bulb

#### **X-Cite™ 120XL PC**

The X-Cite 120XL™ PC system is ideally suited for computerized fluorescence microscopy applications. It uses a 120-Watt lamp to deliver rich spectral excitation with a more uniform field of view than conventional fluorescence illumination systems. The RS-232 interface and software enabling features allow customers to control the iris, lamp, built-in shutter and timer via computer.