

## **EFOS, Inc.**

Contact: Linda Christoffersson  
2260 Argentia Road  
Mississauga, Ontario  
Canada L5N 6H7  
905-821-4308

### **EFOS X-Cite™ : Changing the World of Fluorescence Illumination**

A new fluorescence illuminator is making its debut at Cell Biology: The Efos X-Cite. With snap-in bulb and snap-on microscope connection, the new liquid-light guide system requires no alignment yet consistently provides full field, even fluorescence illumination, even at 10x. Its 2000 hour Intelli-lamp™ significantly reduces maintenance time and replacement cost.

The X-Cite is gentle to samples. For reduced photobleaching, the shutter is foot-pedal controlled, freeing the user's hands for navigation, microscope control, and micromanipulation. Since it is also remote, there is no vibration to disturb delicate samples. With a spectral range of 250nm – 600 nm, the X-Cite eliminates sample heating, making it especially useful for live cell work.

Safety is a key component for the new X-Cite. Special engineering of enclosure and connections guarantees no light leaks. Its pre-aligned lamp eliminates accidental UV or bright light exposure. Automatic shutter and safety interlock features activate during filter, attenuator, or light guide removal,

providing additional accidental UV exposure. Its quick-strike arc eliminates hazardous ozone production while proprietary circuitry protects your equipment from power surges and RF interference.

Simple, easy-to-use, and safe, the new X-Cite from EFOS is truly fluorescence illumination "for the rest of us".

Power. Precision. Control. Repeatability. Since 1982, EFOS has combined next-generation optical engineering, state-of-the-art electronics, photochemistry, fiber optics and process engineering to produce sophisticated light-based technologies. EFOS is now building on its leadership in light-based medical systems to pioneer new illumination technologies for microscopy.