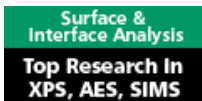




## LED fluorescence microscopes from Optika

18-Oct-07



Imagine a fluorescence microscope that needs a lamp change every 50,000 hours. Imagine a fluorescence microscope with a cold light source that barely heats up during use. Imagine a fluorescence microscope that can be switched on, used immediately, switched off and then back on again. Imagine a fluorescence microscope that is so safe as to need no protection shield whatsoever, and that can be used by anyone, without any specific precaution. Imagine a fluorescence microscope that can be powered by batteries, as easily as a torchlight. Imagine a fluorescence microscope that is so sturdy and so compact that it can be used on the field, with no transport problems. You may think that such an instrument exists in your imagination only. Actually, such a microscope is real, and its name is the Optika N-400LD.

Developed by the Optika research labs, the N-400LD marks a revolution in the field of fluorescence microscopy. Strictly derived from model N-400FL, with which it shares the body, the optics and the filter sets, the N-400LD employs high-power LEDs instead of the classical mercury-vapour lamp. The LEDs are tailored to the specific applications (FITC-TRITC, DAPI, etc). The brightfield illuminator uses high-power white LEDs too, and the colour temperature closely matches sunlight.

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