

Fluorescence Lifetime Imaging-FLIM

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Life Sciences

LIFA, Lambert Instruments Fluorescence Attachment

Fluorescence Lifetime Imaging-FLIM is a technique which is becoming increasingly important in medical research and life sciences, as it allows the analysis of processes occurring in living cells. This is proving to be invaluable in key applications such as cancer research, and as low light level imaging equipment, lasers and computer hardware continues to improve, important discoveries are being made with the aid of equipment such as the LIFA system from Lambert Instruments.

The LIFA -Lambert Instruments Fluorescence Attachment for lifetime imaging microscopy can be attached to any wide field fluorescence microscope and works in the frequency domain, which means that it uses a modulated light source and a modulated image intensifier as detector.

The system is easy to install (within 1 hour) and to operate and does not require an optical bench. The LIFA -Lambert Instruments Fluorescence Attachment system has been judged "easy and highly quantitative" by a leading international life science research team.

For more information, [click here](#)