

Specifications

Illumination

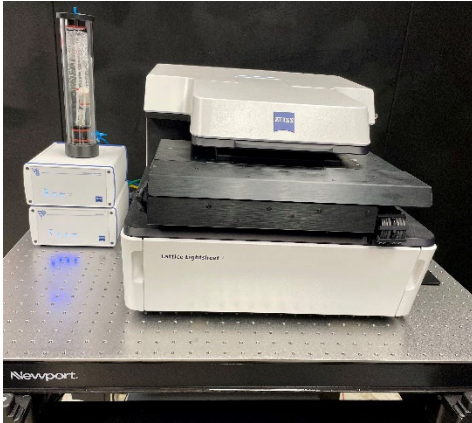
LED (White & Red) for transmitted light

Laser (488nm, 561nm, 640nm for reflected light & epi-fluorescence

Lenses

Illumination: 13.3x / NA 0.4

Detection: 44.83x / NA 1.0



Uses

This microscope is available for live cell imaging at subcellular resolution with standard sample carriers. With this automated, easy-to-use system, volumetric imaging of subcellular structures and dynamics over hours and days with best protection from photo damage becomes available to everyone.

Ideal of capturing dynamic cellular processes. Gentle imaging conditions to facilitate long term (>10 hour) imaging of delicate cells and tissues.

Samples should be prepared on cover-slip culture dishes with a coverslip number of #1.5.

Contact the Imaging Core Staff before setting up an experiment on this system.

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