LEICA DMi8 WITH INFINITY PORT

Innovation for Innovations

Customize your microscope with endless possibilities via the Infinity Port. It’s designed with two direct access points to the infinite light path for unmatched flexibility along with high optical performance.

Integrate a wide variety of fluorescence light sources and laser systems for advanced applications like FRAP, photo-switching, ablation, optogenetics, and many more. Use components like Thorlabs Cage Systems, Linos Microbench, or Nanobench attached to the Infinity Port Connector to integrate custom solutions to the Leica DMi8.

There is no need to add additional optical elements or elongate the light path. Create the unique system you need to discover your cell’s deepest secrets.

www.leica-microsystems.com/dmi8-qrc/
Innovation from every perspective - The Leica DMi8 with Infinity Port

TRANSMITTED LIGHT LED
Long lifetime, true color, fast mechanical shutter

TRANSMITTED LIGHT ARM
Choose from ultralong working distance (80 mm) to high resolution (NA 1.3)

LEICA APPLICATION SUITE X (LAS X)
Powerful imaging and analysis software

ADAPTIVE FOCUS CONTROL
Keep your focus in real-time

FLUORESCENCE LIGHT
Add versatile Leica EL 6000 or fluorescence LED illumination

INFINITY PORT
Flexible integration of 2 light sources / laser systems

CAMERA PORTS
3 camera ports, 19 mm field of view optimized for sCMOS cameras

ENVIRONMENTAL CONTROL
Monitor and control CO₂, O₂, temperature, and humidity

IMC PORT
Integrated Modulation Contrast with 16 mm field of view

OCULAR OBSERVATION
Large field of view up to 25 mm

TOUCH PANEL
Intelligent automation and user-friendly operation

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