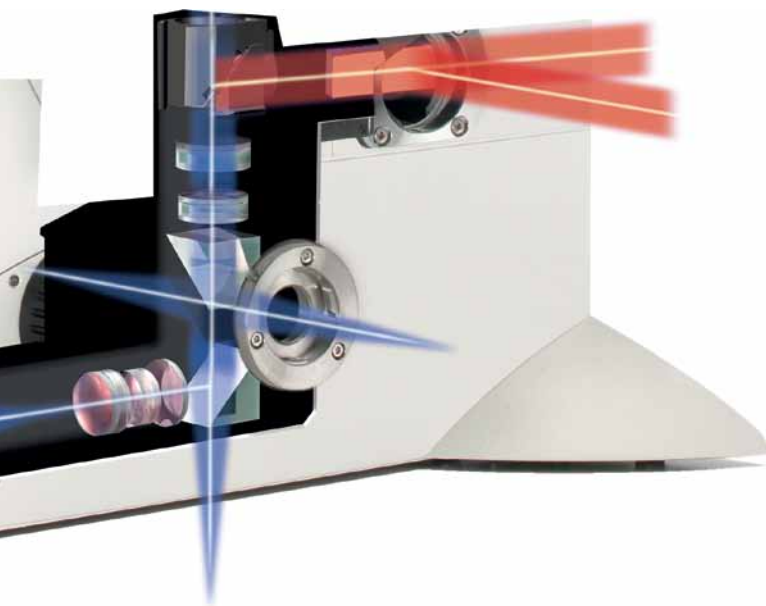


From Eye to Insight

Leica
MICROSYSTEMS

Infinity Port
now motorized



LEICA DMi8 WITH INFINITY PORT

Choose to have your second Infinity Port on either the left or right side

Customizing your microscope has never been easier, with the innovative Infinity Port concept of the modular Leica DMi8. Infinity Ports allow nearly endless imaging possibilities by providing direct access points into the fluorescence light path of the microscope. Combine either a left or right side Infinity Port with the port on the back of the instrument. Control which elements reach your samples with options for mirrors or dichroic prisms to combine or separate the light from the Infinity Ports.

THE INFINITY PORT – MANUAL AND MOTORIZED

Enhance your research and delve deeper into your cells without sacrificing optical quality. Integrate a wide variety of fluorescence light sources and laser systems for advanced applications like FRAP, photo-switching, ablation, optogenetics, and many more. Have something else in mind? Design your own solutions using components from Thorlabs Cage Systems, Linos Microbench, or Nanobench attached via the Infinity Port Adapter. The Leica DMI8 enables your research to reach the next level.

The Infinity Port gives you direct access to expand your capabilities:

- Add photomanipulation devices
- Perfect for high end imaging applications like adaptive optics systems or spatial light modulators
- Use Infinity Port adapters to easily add optics, available for combination with 30 mm cage systems or with fully corrected optics

Infinity Port Options

T-House(1) with 1 Infinity Port **11889037**
 DMI8 T-House(1) = One Infinity Port for direct access to the infinite light path at the back of the microscope. Holds all versions of transmitted light arms.

T-House(3) with 2 Infinity Ports left and rear **11889039**
 DMI8 T-House(3) = Two infinity ports for direct access to the infinite light path at the back and left side of the microscope. Holds all versions of transmitted light arms.

T-House(3) with 2 Infinity Ports right and rear **11889127**
 DMI8 T-House(3) = Two infinity ports for direct access to the infinite light path at the back and right side of the microscope. Holds all versions of transmitted light arms.

T-House(3) Mirror options

T-House splitter 50/50 Manual **11525377**

T-House splitter 50/50 Motorized **11525399**

- 50/50 splitter for dual Infinity Port T-House for use of both infinity ports simultaneously

T-House splitter 100/0 Manual **11525378**

T-House splitter 100/0 Motorized **11525398**

- 100/0 splitter for use of both Infinity Ports consecutively and separately

T-House splitter 80/20 Manual **11525404**

T-House splitter 80/20 Motorized **11525410**

- 80/20 splitter for 80% reflection from the left Infinity Port and 20% transmission from the rear port

Empty T-House splitter Manual **11889041**

Empty T-House splitter Motorized **11525411**

- Splitter housing without mirror installed

Adapters for Infinity Port

Cage System 30 mm **11525362**
 Infinity Port adapter without optics. Can be used to couple in components using standard 30 mm cage systems.

Infinity Port Adapter 1x HC with finite optics **11525408**
 The adapter contains optics to create a fully corrected and telecentric image with a 19 mm field diameter outside of the Leica DMI8 microscope stand. Additional components can be added via the dovetail ring mount.

External Fluorescence Axis for Infinity Port

Manual external fluorescence axis module **11889051**
 including

- light fiber connection
- access to field and aperture plane
- shutter and diaphragm
- slot for fixed apertures and intensity attenuator

Motorized external fluorescence axis module **11889052**
 including

- light fiber connection
- motorized diaphragms
- slot for Leica fast external filter wheels

Motorized external fluorescence axis module+IFW **11889053**
 including

- internal filter wheel IFW
- light fiber connection
- motorized diaphragms
- slot for Leica fast external filter wheels