



DMi1 – Designed for routine cell and tissue culture

DMi1 for quick check on cell status

For basic usage, high quality and easy-to-use product with little maintenance need.

- > S80/0.30 condenser (80 mm working distance).
- > 10x to 20x to 40x phase contrast with one hand move; automatically light intensity change between brightfield and phase contrast.
- > LED technology and a two-hour auto-off-function reduce energy costs.



Quick check on cell status

DMi1 with camera for cell check and documentation

For cell culture labs with limited space or high cleanliness demanding and documentation required.

- > S40/0.45 condenser (40-50 mm working distance) for optimal resolution with types of dishes, flasks and microtiter plates with extra 10mm free space by simply moving up.
- > 12MP integrated FLEXACAM C1 camera turns your microscope into a stand-alone digital imaging station with no need for a PC.
- > Fits narrow into a high cleanliness demanding cell culture room.
- > Objective guide with universal holder for an ease-of-use operation.



Cell check and documentation



1 Large Working Distance

The two-condensers-option offers 40–50 mm or 80 mm working distances. The S40/0.45 condenser provides 40 + 10 mm free space by simply moving it up. The S80/0.30 condenser can be implemented with a few steps and offers 80 mm working distance. No need to remove the illumination arm!

2 LED Illumination

The 5W LED illumination provides a constant color temperature through all stages of light intensity. Up to 20 years life cycle (40 working hours / week) per lamp under regular conditions and a 2 hour auto-off mean less downtime and low maintenance costs.

3 Auto Intensity

A smart sensor integrated in the slider makes sure that the light intensity automatically adjusts between brightfield and phase contrast. This feature protects the eyes, saves time, and adds comfort for the user.



4 Convenient Full HD Imaging

The 12 MP digital color camera, FLEXACAM C1, for 4k 60fps live image via HDMI or Full HD MJPG Video Full HD MJPG Video recording with 30 fps, capture directly to USB Stick (included) or send images via E-mail.

5 Easy Phase Contrast

Leica Microsystems' 10x, 20x, and 40x phase contrast objectives share the same phase ring, meaning users no longer have to worry about matching phase rings to objectives when changing magnifications.



7 Flexibility

The object guide (accessory) allows the use of different holding frames for flasks, dishes, and multi-well plates.

6 Leica Quality

The DMi1 is made of high-grade materials that help avoid vibrations and resulting image blur. A scratch-resistant stage, high quality optical components, and a wide range of accessories promote a long product life with low maintenance costs.

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