

Inverted Microscope and Image Capture System

Leica DM IL LED



With high-performance optics and ergonomic design, the Leica DM IL LED is ideal for cell culture, micromanipulation, documentation of immunostained specimens, and routine live cell examinations.

The Leica DM IL LED features a comprehensive set of contrast methods to monitor your specimen the way you need. High-quality Phase contrast, excellent modulation contrast and brilliant fluorescence are just one fingertip away. Robust stability, plenty of space to work with tools, long working distances to accommodate large culture flasks and a stable illumination without heat make work at the microscope easy and convenient.

Contrasting methods

In addition to Phase Contrast and Brightfield illumination, the DM IL features unique Integrated Modulation Contrast (IMC) from Leica without the need for special objectives. Available for 10x, 20x, 32x, and 40x magnification.

Cell culture

With a long working distance the standard DM IL microscope allows you to conveniently monitor large [cell culture](#) flasks.

If your cell production reaches the next level, DM IL Cell Factory is the right choice. With a transmitted light arm of 480 mm, large multilayer vessels with up to 10 chambers can be checked—even using fluorescence.

Your current DM IL **can be upgraded** later to accommodate **large scale cell production**.

Live cell imaging

When observing living cells under a microscope, it's essential to maintain optimal conditions for the organisms. Leica Microsystems offers a wide range of accessories for any application, so the environmental conditions can be controlled easily during one experiment.