



## Leica DM750 M and Leica A60

Shine new light on your samples. Perfect for Education,  
Materials Inspection and Basic Metallography in Microscopy Labs

Living up to Life

**Leica**  
MICROSYSTEMS

# High Performance Reloaded

The Leica DM750 M microscope is specifically developed for versatile materials applications in education, and basic laboratories.

## Up to 1000 x Magnification

- Featuring a 4- or 5-position objective nosepiece with M25 thread.
- Provides magnifications between 50x and 500x as required by most industrial standards.
- Even higher magnifications, e.g. 1000x, are possible.
- Can optionally be equipped with objectives from a huge selection of high performance objectives.

## Handling at its best

- Universal “industrial” cross stage for reflected and transmitted light applications allows observation of polished and/or etched samples with heights of up to 30mm.
- Special (patent applied) sample holders with 25 or 30mm sample diameters can be used.
- Object guide for precise X/Y positioning of the specimen.

## Reflected light illuminator with cutting-edge LED illumination

- Built-in adjustable aperture diaphragm produces bright, crisp and maintenance-free lighting for all samples.
- Ergonomically positioned membrane-keyboard allows easy, intuitive operation of all four LED segments for oblique illumination.
- Reflected light illuminator incorporates two slots that allows the use of a polarizer and analyzer for polarized light applications.

## Perfect light for transmitted light applications

- LED illumination provides cool, white light with a lifetime of over 20 years average use. No need to change lamps during lab time and save the expense of replacement lamps.
- Koehler field diaphragm for optimum illumination and contrast.
- Patented time delay shutoff saves energy by automatically turning off the illumination after 2 hours of no use.

## Leica Microsystems Imaging

- A variety of Leica microscope cameras, including full HD viewing. Different cameras provide high resolution pictures and fast live images.
- Includes Leica Application Suite (LAS) software for easy camera control, image capture, annotation, measurement and documentation.
- Customize your own imaging solution using a wide selection of optional LAS software modules.



Leica DM750 M

# More Hands-on Time

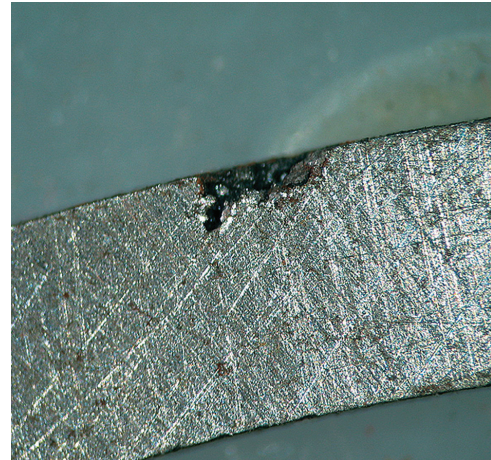
## Field volume – a new student friendly concept to see more of the specimen

- The Leica A60 offers a magnification range from 5× to 30×, which enables both a large surface overview and detailed observation; with consistent sharpness and without time-consuming refocusing. This saves valuable time.
- With a 46mm object field, the Leica A60 reveals up to 80% more surface area than comparable microscopes. This means more comfort and convenience, and time savings.
- With a depth of field of up to 13.6mm, the Leica A60 has a depth of field that is approximately twice that of comparable stereomicroscopes. Practically speaking, this means that all areas within a height of up to 13.6mm are displayed in sharp focus, without refocusing. Working with the microscope is more comfortable, convenient, and efficient.
- With a working distance of up to 122mm, there is enough room to carry out even complex investigations comfortably and accurately.

## The illumination: powerful yet energy-saving

Because some specimens consist of reflective metal that causes bothersome reflections during viewing, the Leica A60 offers two types of illumination.

- Bright, uniform illumination of the specimen provided by LEDs with focus lenses in front.
- Comfortable, convenient viewing of reflective specimens with the attachable diffuser
- Virtually no lamp replacement due to long lifetime, saves money.
- Low power consumption for energy efficiency.



Leica A60 F



Leica A60 S

## Selecting the microscope

The Leica A60 stereomicroscope does not require the user to be a microscope expert. The components of the preconfigured system are perfectly matched to provide easy operation with the best optical results. Choose between two different stands: the Leica A60 F with flex arm for maximum freedom of movement or the Leica A60 S with swing arm for high stability.

# “With the user, for the user”

## Leica Microsystems

Leica Microsystems operates globally in four divisions, where we rank with the market leaders.

### ● Life Science Division

The Leica Microsystems Life Science Division supports the imaging needs of the scientific community with advanced innovation and technical expertise for the visualization, measurement, and analysis of microstructures. Our strong focus on understanding scientific applications puts Leica Microsystems' customers at the leading edge of science.

### ● Industry Division

The Leica Microsystems Industry Division's focus is to support customers' pursuit of the highest quality end result. Leica Microsystems provide the best and most innovative imaging systems to see, measure, and analyze the microstructures in routine and research industrial applications, materials science, quality control, forensic science investigation, and educational applications.

### ● Biosystems Division

The Leica Microsystems Biosystems Division brings histopathology labs and researchers the highest-quality, most comprehensive product range. From patient to pathologist, the range includes the ideal product for each histology step and high-productivity workflow solutions for the entire lab. With complete histology systems featuring innovative automation and Novocastra™ reagents, Leica Microsystems creates better patient care through rapid turnaround, diagnostic confidence, and close customer collaboration.

### ● Medical Division

The Leica Microsystems Medical Division's focus is to partner with and support surgeons and their care of patients with the highest-quality, most innovative surgical microscope technology today and into the future.

The statement by Ernst Leitz in 1907, “with the user, for the user,” describes the fruitful collaboration with end users and driving force of innovation at Leica Microsystems. We have developed five brand values to live up to this tradition: Pioneering, High-end Quality, Team Spirit, Dedication to Science, and Continuous Improvement. For us, living up to these values means: **Living up to Life.**

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