Leica CME

Compound Microscope System

Great discoveries begin with vision.

Leica
MICROSYSTEMS

Systems. Solutions. Leica.

The Vision to Create a Unique Instrument

Superior performance. Durable construction. Exclusive features. The Leica CM E has been designed with exacting attention to each and every microscope component, to create a streamlined, high performance instrument unique in its class.

The CM E is a result of Leica Microsystem's vision to design a microscope that truly meets the needs of its users. The CM E provides superior image quality, practical, durable design, and a wide range of accessories to meet a full range of life science applications – at the right price.

Leica Microsystems has built the CM E upon a company heritage stemming back to 1847, as the first company to put a modern microscope into mass production. Today, the company remains at the forefront of industry research and development, to give researchers everywhere the ability to see subjects more clearly. It's all part of Leica's visionary "system of solutions" – a philosophy that treats each customer as an individual with specific application, research, and performance demands.

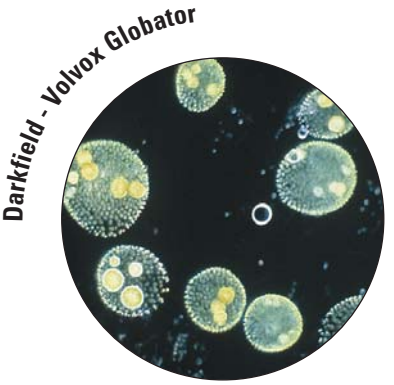
Precision engineering

Precision design

Great discoveries begin with vision.

Nicolaus Copernicus
1473–1543

Copernicus' visionary theory on a heliocentric (sun-centered) universe was so far ahead of its time it wasn't accepted until more than 100 years after his death.




LEICA CME
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Leica

Superior Optics, Lasting Illumination

The vision to see images more clearly.

The CM E's optical system is designed to provide maximum image quality for a variety of applications. Features include:

- Superior, all-glass Leica E_2 series optics provide brilliant, high-contrast imaging quality unheard of in a finite-corrected system
- Fungus and mold resistant coatings protect your investment
- Dual focus adjustments for interpupillary distance (IPD) assure parfocality
- All objectives are parfocal and parcentered to minimize refocusing
- Trinocular, binocular, monocular and teaching viewing bodies provide a 45° inclination and 360° rotation for flexibility and storage
- Standard 10x / 18mm FOV eyepieces optimize viewing field for easy, comfortable operation
- Eyepieces accommodate 21mm reticles for a variety of measuring and counting applications
- High eyepoint eyepieces and eyeguards provide comfortable, easy viewing with or without eyeglasses

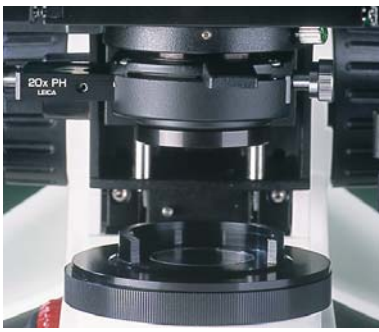
Quality Leica E_2 series optics are compatible with E_1 series optics

The vision to illuminate.

CM E engineers balanced the demand for high-end performance with the need for a dependable, economical microscope. The CM E's efficient illumination system reflects this design approach:

- The CM E's illumination efficiency provides a lamp life over 20x longer (2,000 hours!) than other microscopes, saving money and time
- Illumination available in 120V or 230V
- Designed to meet or exceed international safety standards
- High-intensity illumination from 20W tungsten-halogen lamp does not change color or intensity throughout the lamp's life
- Standard 1.25 N.A. slider condenser allows for oil immersion, darkfield and phase contrast applications

EXCLUSIVELY LEICA

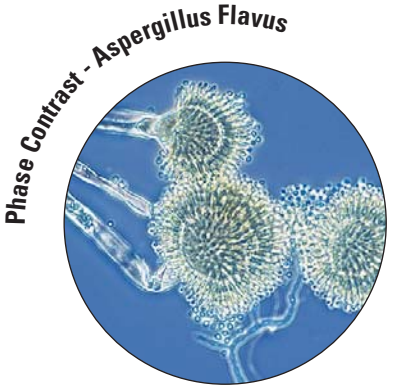


Superior critical or Koehler illumination

Great discoveries begin with vision.

Gregor Mendel
1822–1884

Considered the "Father of Genetics," Mendel's visionary studies of pea plants led him to develop the Laws of Heredity, the basis of modern-day genetics.

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E2 PLAN
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OIL

Durable, Comfortable Design

The vision to build endurance.

From top to bottom, the CM E is built to last. It's also designed to suit the demanding environment in which it will be used, with features like a cast aluminum stand which minimizes vibrations and provides durable and fatigue-free, stable operation. Other design features include:

- A self-adjusting and maintenance-free focus mechanism that prevents stage drift for the life of the instrument
- An angled lamp door to prevent accidental breakage
- A rear-facing nosepiece provides comfortable, convenient operation
- Spring-loaded, high magnification objectives
- A built-in blue filter to prevent filter loss

Superb E_2 Plan Phase Contrast optics for superior results

The vision to provide comfort and convenience.

Not only does the CM E offer outstanding performance – it is also easy and comfortable to use:

- Compact design and size
- 360° rotatable, 45° viewing bodies allow flexible alignment of viewing position and space-saving storage
- Graduated mechanical stage with Vernier scales provides precise control
- All controls are positioned for easy access
- Low heat output to provide comfortable viewing and prevent injury
- Serial number plate protects your investment


Leica CM E with DC

The vision to provide all the extras.

The CM E utilizes a wide range of accessories to suit the varied applications of its users:

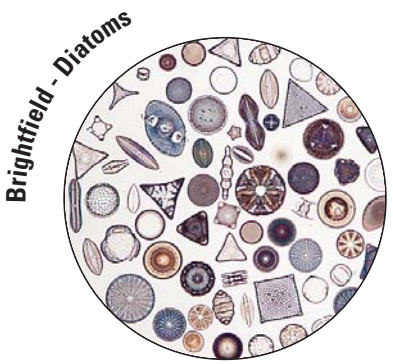
- A complete offering of economical photographic and video accessories
- Full range of illumination techniques: phase contrast, polarization, darkfield and brightfield
- A unique combination wrap and lock avoids power cord loss

EXCLUSIVELY LEICA

Great discoveries begin with vision.

Thomas Young
1773–1829

Young's "double-slit" experiment revealed not two concentrations of light on the screen as one might expect if light were particles, but an array of concentrations that indicated the dynamics of waves.



Leica Microsystems – the brand for outstanding products

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

• Life Science Research Division

Leica Microsystems' Life Science Research 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 by providing the best and most innovative imaging systems for their needs to see, measure and analyze the microstructures in routine and research industrial applications, in materials science and quality control, in forensic science investigations, and educational applications.

• Biosystems Division

The Biosystems Division of Leica Microsystems 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, the Biosystems Division creates better patient care through rapid turnaround, diagnostic confidence and close customer collaboration.

• Surgical Division

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

Leica Microsystems' mission is to be the world's first-choice provider of innovative solutions to our customers' needs for vision, measurement and analysis of micro-structures.

Leica, the leading brand for microscopes and scientific instruments, developed from five brand names, all with a long tradition: Wild, Leitz, Reichert, Jung and Cambridge Instruments. Yet Leica symbolizes innovation as well as tradition.

Leica Microsystems – an international company with a strong network of customer services

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