



INSTRUMENT USE SHEET

LEICA DMRA AND DM5000 OPTICAL MICROSCOPES

General Information

Instrument: Leica DMRA and DM5000 motorized optical microscopes

Manufacturer: Leica

Location:

CRIETT – Bassani Building

Via J.H. Dunant No. 5, Varese, Italy

Floor: -1

Contact:

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Authorized Users:

Prof. Roberto Valli

Dr. Giuseppe Montalbano

Dr. Giovanni Micheloni

Prof. Francesco Pasquali

Dott. Matteo Dal Molin

Training Requirement: Yes*

*Independent use of the instrument is permitted. Practical training consists of individual instruction (lasting several days, with duration determined by the instrument supervisor). For the theoretical component, the supervisor will provide educational material on the operating principles of the instrument.



Internal tickets can be viewed on the intranet page (access with university credentials): <https://intranet.uninsubria.it/areadocumenti/ticket-strumenti-criett-utenti-interni>

The fee schedule for external users can be viewed on the website:
www.uninsubria.it/criett

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“The scientific support from CRIETT centre of University of Insubria (instrument code: XXX) is greatly acknowledged.”

Instrument Code: MIC05

Access Modes

1. Direct Access (Self-Service)

Who:

Research groups or users who use the instrument regularly and have received specific training.

Procedure:

Trained users may independently access and operate the instrument after completing the online booking.

2. Access with Scientific Technician Support (Full-Service)

Who:

Research groups that use the instrument occasionally, external users, or users without qualified personnel.

Procedure:

Access is provided with the assistance of dedicated technical staff, who manage both booking and instrument operation.

3. Occasional/Temporary User

May access the instrument through the Instrument Supervisor or an Authorized User.

Description and Functions

Motorized optical microscopes for observations in:

- Bright field
- Fluorescence
- DIC (Differential Interference Contrast)
- Phase contrast
- Dark field

Technical Features:

- Integrated magnification changer
- 4-position motorized turret for fluorescence filters/illumination
- Motorized objective nosepiece
- Motorized stage for sample movement

Available Objectives:

- 5×
- 10×
- 20×
- 40×
- 100× (oil immersion)

Digital camera connected to a PC with image acquisition software.

Safety Instructions

- Use only after completing the required training.
- Do not touch optical components directly with your fingers.
- Clean the instrument carefully after use, especially after using oil-immersion objectives.
- Turn off and cover the instrument after use.
- In case of doubts or malfunctions, contact the technician or instrument supervisor.

Operating Notes

- Instrument booking is mandatory through the internal management system.
- Self-service use is permitted only for trained and registered (or authorized) users.
- Any malfunction must be promptly reported to CRIETT staff.

Materials and Accessories Provided by CRIETT

- Ethanol

Materials and Accessories to Be Supplied by the User

- Tweezers



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TRASFERIMENTO TECNOLOGICO



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