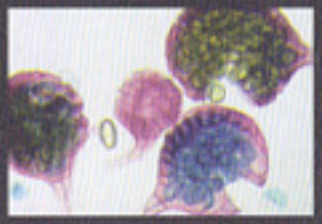
LEICA BF200 Compound Microscope

Leica

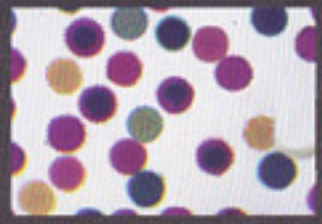
The LEICA BF200 Compound Microscope Comes Prepared for Every Class

The LEICA BF200 Multipurpose Video System Specimen: Fig, 10x objective



Sporangos, stained, 10x objective

Brineshrimp, 10x objective



Hollyhock Pollen, stained, 10x objective

You have demanding needs for your science labs. You also face tight budgets. Prepare to meet these challenges with the LEICA BF200 Compound Microscope. Designed exclusively for science teaching programs, the LEICA BF200 combines quality optics, durability, safety, options and value to offer solutions for today and tomorrow.

Quality Optics

The LEICA BF200 integrates high quality glass optics that consistently render a clear, crisp image. Standard models feature 4x, 10x, 40x and 100x (oil immersion) achromatic, color-coded objectives. The 40x and 100x are spring-loaded for optimal protection of objectives and slides. In addition, a 60x achromatic and a full set of semi-plan objectives (4x, 10x, 40x and 100x-oil) are available for greater image detail. Select from either a 10x eyepiece provided on standard models or 15x eyepiece for greater magnification possibilities.

Durability

The LEICA BF200 is virtually student-proof. From the durable cast stand to the locked eyepiece and 10,000 hour 7 watt fluorescent lamp, you can count on long life and reliable performance. The rugged, sophisticated Eurostyle design provides an adjustable stage stop, spring-loaded objectives and stage clips. The rear facing nosepiece prevents objective damage and permits easier access to specimens.

Safety

The LEICA BF200 also meets the applicable electrical requirements of UL, CSA, CE and VDE. These approvals guarantee that the BF200 meets the stringent requirements set by these agencies to ensure student safety from fire and electrical hazards.

Flexible Options

We recognize that as your teaching needs change so will your microscopy requirements. To meet your science teaching demands, the LEICA BF200 provides flexible configurations.

Viewing Bodies
Your choice of monocular, binocular or monocular teaching body.

Optics
You'll be pleased with the performance the all-glass optics provide. The quadruple rear-facing nosepiece accommodates a complete set of achromatic or semi-plan objectives. Select from disc diaphragm or 1.25 NA Abbe condenser configurations.

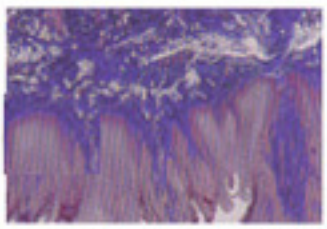
Mechanical Stage
For more precise analysis and examinations at higher magnifications, a graduated mechanical stage is available on specific models or as an upgrade option to any LEICA BF200 configurations.

Video Capabilities
Use your time more efficiently and increase student learning capabilities with videomicroscopy. Two systems are available to meet your demonstration needs:

Multipurpose
The unique Multipurpose Video Camera allows you to easily adapt the LEICA BF200 into a videomicroscopy system. The full-featured camera provides 300 lines of resolution and audio capabilities, as well as an exclusive iris control. The unique flexible wand attaches easily to most any DIN standard microscope eyepiece. The system is also perfect for dissection and other macro applications.

High Performance
The high performance system combines a compact high resolution color camera and video monitor with the LEICA BF200.

Photography Capabilities
Document important investigations and discoveries by using the 35mm camera and accessories.



Human Tongue, stained, 4x objective

Photomicrographs by Jan Hinsch, Microlab, Leica Inc.

Value

The LEICA BF200 Compound Microscope offers you quality optics, flexible options, durability and addresses your safety concerns at an affordable price. Whatever your budgetary requirement, Leica offers a configuration that will fill your needs.

Specifications

Instrument Dimensions
6.5" x 8.25" x 14.5"
16.5cm x 21cm x 36.7cm

Shipping Dimensions
16.5" x 12" x 9"
42cm x 30.5cm x 22.9cm

Instrument Weight
3.9 kg / 8.6 lbs

Shipping Weight
5.4 kg / 12.0 lbs

Construction
Cast Aluminum

Eyepieces
10x – 18mm field of view
15x – 13mm field of view

Viewing Bodies
360° rotatable
45° viewing angle

Nosepiece
Quadruple, Rear facing

Standard Stage
5.1" x 4.5"
129cm x 125mm
Spring loaded stage clips

Graduated Mechanical Stage
5.1" x 4.5"
129mm x 125mm
Includes condenser with iris diaphragm
Right hand operation
2 vernier scales
Spring loaded specimen holder

Optics
All glass

Objectives
Achromat and Semi Plan
DIN standards
Color coded

Condensers
0.65 NA disc diaphragm
1.25 NA Abbe with iris diaphragm

Illumination System
Mirror
7w fluorescent lamp
10,000 hour lamp life
120V, 60Hz or 230V, 50Hz

Approvals
UL, CSA, VDE and CE

System Diagram

Multi-Purpose Video System

35mm Camera
includes shutter release and batteries
13317469

High Performacne Video System

Camera Adapter*
13K32000
13K32150

10x/18 Eyepiece
13320010

10x/18 Eyepiece w/Pointer
13320020

15x/13 Eyepiece
13320030

Binocular
13320040

Monocular
13320050

Monocular Teaching
13320060

Video Adapter
13K29570

Stands

13320070	120V	Abbe Lamp
13320080	230V	Abbe Lamp
13320090	120V	Disc Lamp
13320100	230V	Disc Lamp
13320110	–	Disc Mirror

Achromatic Objectives

Part Number	Mag.	Numeric Aperture	Cover Glass Thickness
13320120	4x	0.10	0.17
13320130	10x	0.25	0.17
13320150	40x	0.65	0.17
13320300	60x	0.85	0.17
13320160	100x	1.25 oil	0.17

Semi-Plan Objectives

Part Number	Mag.	Numeric Aperture	Cover Glass Thickness
13320260	4x	0.10	–
13320270	10x	0.25	0.17
13320280	40x	0.65	0.17
13320290	100x	1.25 oil	0.17

Mechanical Stage
13320180

Fluorescent Lamp
13320190

Standard Models

Model	Cat. No.	Viewing Body	Achro-Objectives	Stage	Condenser	Illumination
1	1332000-01	Monocular	4, 10, 40, 100x	Standard	Abbe	120V Fluor
2	1332000-02	Monocular	4, 10, 40, 100x	Standard	Abbe	230V Fluor
3	1332000-03	Monocular	4, 10, 40x	Standard	Disc	120V Fluor
4	1332000-04	Monocular	4, 10, 40x	Standard	Disc	230V Fluor
5	1332000-05	Monocular	4, 10, 40x	Standard	Disc	Mirror
6	1332000-06	Binocular	4, 10, 40, 100x	Standard	Abbe	120V Fluor
7	1332000-07	Teaching	4, 10, 40, 100x	Standard	Abbe	120V Fluor
8	1332000-08	Binocular	4, 10, 40, 100x	Standard	Abbe	230V Fluor
9	1332000-09	Teaching	4, 10, 40, 100x	Standard	Abbe	230V Fluor
10	1332000-10	Binocular	4, 10, 40, 100x	Mechanical	Abbe	120V Fluor
11	1332000-11	Binocular	4, 10, 40, 100x	Mechanical	Abbe	230V Fluor

*Adapters for most 35mm cameras are available

for more information, please contact:

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