



Leica Zoom 2000™

Zoom Stereomicroscope

Great discoveries begin with vision.

Leica

MICROSYSTEMS

Systems. Solutions. Leica.

The vision to make an educational standard.

The Leica Zoom 2000 stereomicroscope combines high performance with flexible features to offer the optimal viewing experience. For education and observation, it delivers crystal clear optics with a wide range of magnification.

Choose between two models: the student-proof Zoom 2000 standard model or, for a larger range of viewing options, the Zoom 2000 with focusable eye tubes. The standard Zoom 2000 with fixed eyepieces offers magnification ranging from 7x-30x and 10.5x-45x. The Zoom 2000 with focusable eyetubes offers standard models with 10x or 15x removable eyepieces. Measuring reticles are available with these models, as well as additional eyepieces providing total magnification up to 90x.

The vision to make lessons come to life.

- Encased optics prevent damage from dust, dirt and tampering
- High-quality, all glass optics with precision coatings produce distinct detail in every image
- Parfocal design: view the entire specimen, then zoom to a detail - without losing focus

The vision to enlighten and educate.

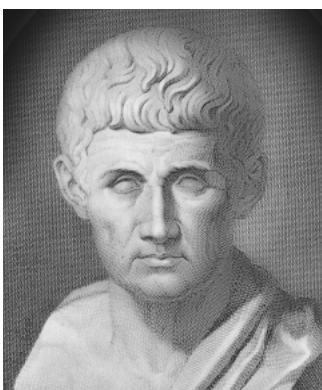
- Provides transmitted light, reflected light or both, simultaneously
- Students can easily switch between illumination methods
- The stage temperature remains cool for safe operation

The vision to build a better stereomicroscope.

- Enclosed telescoping pillars guarantee image stability and durability
- Superior construction means built-in protection against dust, dirt, leakage and rough handling
- A cemented glass stage plate protects internal components
- Eyepieces attached to the eyetubes eliminate loss and breakage
- A rugged cast aluminum stand provides a solid balance

■ **EXCLUSIVELY LEICA**

Great discoveries begin with vision.

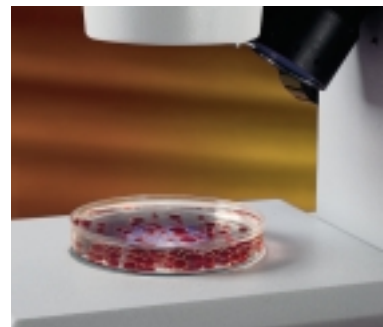


Aristotle 384-322 BC

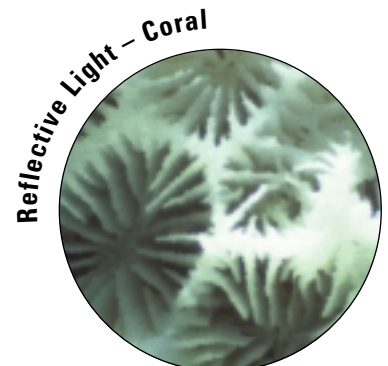
A Greek philosopher and visionary, Aristotle's observations in zoology and biology led him to conceive of and establish the systematic disciplines of sciences such as physics, astronomy, meteorology and zoology.



Student-proof eyetubes.



3 way illumination:
reflective, transmitted, or both.





Accessories.

Take the guesswork out of measurement.

- A diverse range of reticles for measuring and counting applications
- Reticles install easily for most any application
- Optical measurements ensure accuracy among operators with different skill levels

Encourage discovery through video presentations.

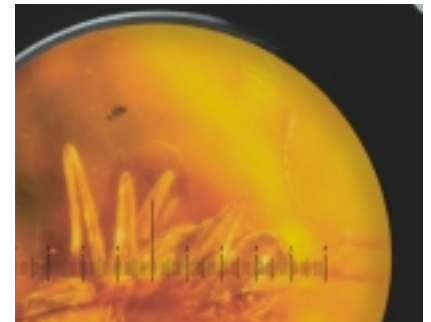
- The addition of video provides opportunity for group viewing and sharing
- Leica's Multi-Purpose Video Camera installs quickly and easily for micro or macroscopic viewing
- Leica's advanced video system produces brilliant, high resolution, live images to grab students' attention

Discover the convenience of photomicrography.

- 35mm camera provides a convenient recording method that can be transferred to other media
- Compatible with most 35mm cameras
- Show students the important features of their specimen
- Document samples for future lessons

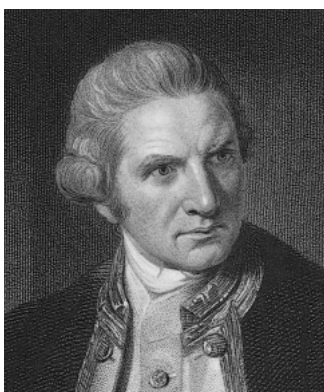


Economical 35mm camera system



Optical measurement and counting reticles

Great discoveries begin with vision.



James Cook 1642-1727

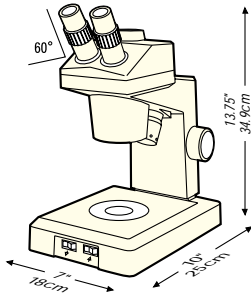
An explorer and navigator, Cook's vision and determination enabled him to sail around the world twice, accurately mapping more of the earth's surface than anyone else before or since.

Reflective Light – Snails





SPECIFICATIONS



INSTRUMENT DIMENSIONS

10" x 7" x 13.75"
25cm x 18cm x 34.5cm

SHIPPING DIMENSIONS

International
19" x 17" x 13"
48.3cm x 43.2cm x 33cm
United States
10" x 15" x 16"
25cm x 38.1cm x 40.6cm

INSTRUMENT WEIGHT

11.5lbs / 5.2kg

SHIPPING WEIGHT

International **United States**
16lbs / 7.3kg 14lbs / 6.4kg

CONSTRUCTION

Cast Aluminum Stand

EYEPIECES

10x – 18mm field of view
15x – 14mm field of view

INTERPUPILLARY RANGE

1.94"-2.88"
49-73mm

VIEWING ANGLE

60° from horizontal axis

OPTICS

Achromatic, all glass

ZOOM MAGNIFICATION RANGE

Continuous zoom system

Standard

7x-30x Ratio 4:1
10.5x-45x Ratio 4:1

Focusable Eyetube version

Up to 90x magnification with accessories

MECHANICAL WORKING DISTANCE

4.25" / 100mm
to specimen

ILLUMINATION

Three-way combination

Reflected

6V, 15W Halogen 200hrs

Transmitted

120V, 15W Tungsten 1000hrs
230V, 15W Tungsten 1000hrs

Transmitted Light Area Diameter

1.6" / 40mm

STAGE DIMENSIONS

Width x Depth
6.9" x 7.7"
175mm x 196mm

ELECTRICAL SPECIFICATIONS

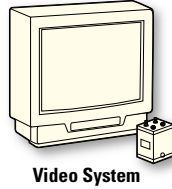
120V or 230V

APPROVALS

UL, cUL 120V
VDE, CE 230V

Leica ZOOM 2000 SYSTEM DIAGRAM

ADVANCED VIDEO



Video System



Universal Eyepiece Video Adapter
13421264

BASIC PHOTOGRAPHY



35mm Camera

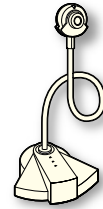


"T" Adapter
Available for most models

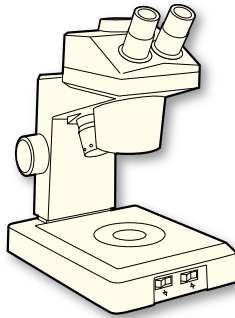


Universal Eyepiece Adapter
13K3200

MULTIPURPOSE VIDEO

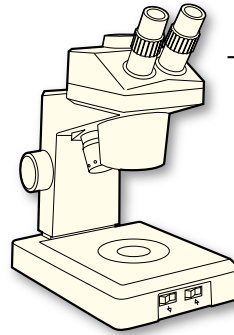


Multipurpose Video Camera
27" (69cm) length, iris control, microscope adapter, cables and power supply



Leica ZOOM 2000

Catalog Number	Magnification	Eyepieces	Power
13312592V	10.5x-45x	15x	230V
13312594	10.5x-45x	15x	120V
13312596V	7x-30x	10x	230V
13312598	7x-30x	10x	120V



Leica ZOOM 2000 Focusable Eyetubes

Catalog Number	Magnification	Eyepieces	Power
13312592VF	10.5x-45x	15x	230V
13312594F	10.5x-45x	15x	120V
13312596VF	7x-30x	10x	230V
13312598F	7x-30x	10x	120V

Measuring Reticles

21mm diameter. Specifications refer to 10x eyepieces

13311601 5mm long ruled to 0.05mm, 100 divisions

13311602 10mm long ruled to 0.1mm, 100 divisions

13311604 0.20" long 100, 0.002" divisions with zoom setting at 2x

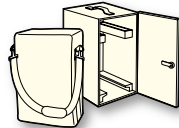
13311605 5mm long ruled to 0.1mm, 100 divisions

13311607 0.50" long 100, 0.005" divisions with zoom setting at 1x

13311608 0.10" long 100, 0.001" divisions with zoom setting at 3x

13311630
Cross Line

ACCESSORIES



Carrying / Storage Cases

Soft.....13486000
Hardwood, locking...13596015



Reflected Illumination Lamp
13630000 6V, 15W
120V & 230V



Transmitted Illumination Lamp
13313125 120V, 15W
13313126 230V, 15W

Dust Cover
13314963

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