

Portable USB Polarized Microscope

for Mineralogy Sciences and Cultural Heritage Diagnostic



A very portable (fully battery operated) Microscope with linear polarizers for Transmission view. Based on an USB 5.0 Mega pixels microscope it can be connected to any Windows(tm) or a MAC OS(tm) 10.6 or higher, tablet.

It holds a led transmission illumination with linear polarization, a rotatable (360°) sample holder, a linear polarization analyzer and the microscope.

The microscope can be adjusted in height for focusing and for magnification adjust, the sample table has the x and y manual translation.

Due to the small footprint and total weight the complete instrument can be carried out from the lab, even in the natural area.

The microscope can be removed from its stage and it can be used by hand as all the other USB microscopes.



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Features:

- Linear Pol. transm. light Microscope
- USB driven/connected
- Manual stage included
- Light weight
- Tablet/Laptop/Desktop p.c. ready
- Simple installation, by User

Other:

- Images/movie record software included
- Standard USB use, out of the stage

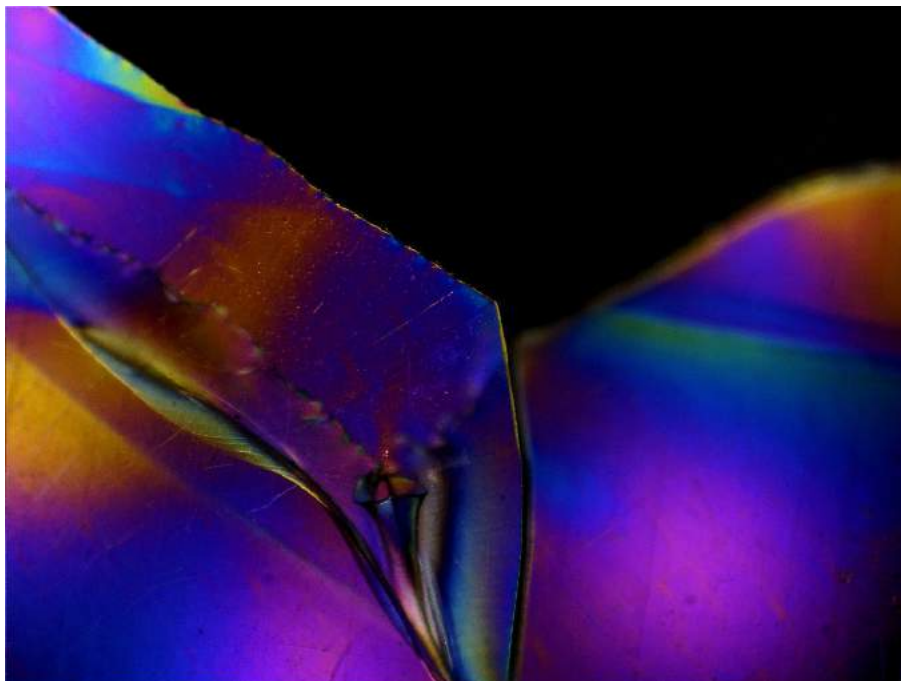


Specifications

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Image sensor	5 Mega Pixels
Video resolution	2592x1944, 2048x1536, 1600x1200), 1280x960 Pixel
Still capture resolution	2592x1944, 2048x1536, 1600x1200), 1280x960 Pixel
Colour	24-Bit-RGB
Focus Range	manual focus from 10mm to 300mm
Flicker-Frequenz	50/60 Hz
Framerate:	max. 30 frames/s
Magnification Ratio	ca. 20x, 200x and 300x
Image format	JPG
Video format	AVI
White balance	automatic
Light source	8 LED, white
PC Interface	USB 2.0
OS	Windows XP SP2/Vista, Windows 7, Windows 8, MAC OS 10.6 or higher
DC Power	5 V (USB port)
Microscope	110x35mm
Stand	175x140x110mm

Specifications subject to Change without notice.



Plastic film (1mm width full image)



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