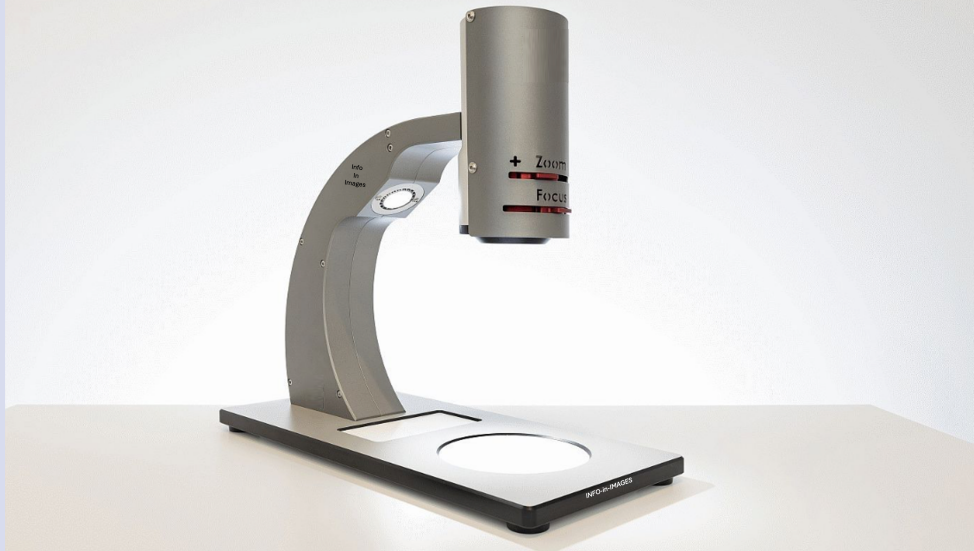


PU-VM ZOOM VIDEO MICROSCOPE SYSTEM

INFORMATION / DATA

Professional Quality Micro Imaging for Public Displays and Interactives



Rugged Construction combined with outstanding Image Quality for Educational and Display Applications

- The **New PU-VM Microscope** provides easy access to the micro world for untrained visitors and students.
- Simplified controls encourage visitors to explore samples from collections as well as their own finds.
- The microscope is supported on a stable and robust arm with a choice of bases with/without illumination, making it suitable for use in public areas.
- No exposed power or signal wires from the microscope head. Connections can be 'hidden' via a hole in the benchtop.
- Two simple sliding controls on the front of the microscope 'Zoom' and 'Focus' form an intuitive interface, while the fixed support arm maintains sufficient space for samples to be introduced into the viewing area.
- Both solid and transparent samples can be easily viewed using the built-in LED lights, which provide bright illumination without damaging the samples.
- Images are displayed on a high or ultra high-resolution screen, avoiding the need for users to use traditional eyepieces that may feel awkward for spectacle wearers or need adjustment for individuals.
- The zoom magnification range (4x-40x) suits most samples from the natural and man-made worlds. (*)
- Samples can be viewed in the optional transparent rotating turntable or in a range of dedicated sample holders.
- Images can be captured via an add-on module.

(*) Displayed magnification depends on the screen size, magnification shown based on a 22" screen.

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KEY FEATURES

• CAMERA RESOLUTION	HD1080P 1920 x 1080 pixels @ 30 fps Format Widescreen 16: 9 Aspect Ratio
• LENS	Macro Zoom 10: 1 zoom Ratio Zoom & Focus Controls Maximum Sample Height 100mm (with supplied support arm)
• ON-SCREEN MAGNIFICATION RANGE	4x – 40x with 22" display screen
• FEILD OF VIEW	Changes with Specimen Height and Zoom Level
• ILLUMINATION	Reflected Light, 3W LED Spotlight, White, Approx Colour Temperature 4000K Transmitted Light via Bulit-In LED Source (optional)
• EXPOSURE CONTROL	Automated Exposure
• VIDEO CONNECTION	Standard HDMI
• POWER	DC 12V and 100-240V 50/60 Hz with supplied power adapter
• POWER CONSUMPTION	1.0A @ 12V (Camera and Reflected light)
• OPERATING ENVIRONMAMENT	From +10 to +40Deg C (non-condensing)
• HEIGHT	468mm (without Base)
• WEIGHT	8.5 Kg
• COLOUR	RAL 9007 Grey Aluminium
• WARRANTY	12-months from date of delivery
• ORIGIN	EU

ASK FOR PRICING INCLUDING DELIVERY, INSTALLATION & TRAINING

