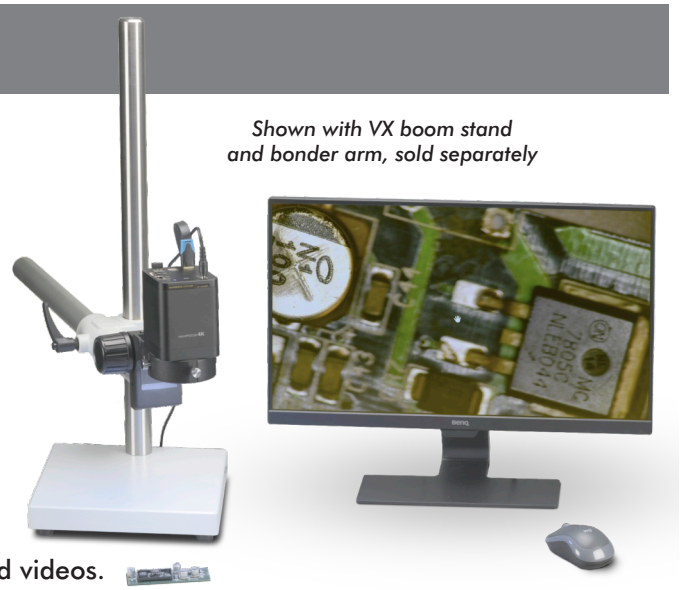
4K Autofocus Digital Microscope



Shown with VX boom stand and bonder arm, sold separately

The 4K Autofocus Digital Microscope provides flexibility for inspection and measurement with or without a PC. The microscope comes standard with integrated software, LED ring light, and can be utilized with a monitor of your choice.

Key Features

- Flexibility to use with or without a PC for increased flexibility in a production or laboratory setting.
- On-board software provides stand-alone operation including measurement, annotation, and comparing saved and live images. Includes a USB mouse to adjust camera settings, capture images, and videos.
- Image Analysis Software included for advanced image processing, customizable user interface, static and dynamics measurements with layers, and more!

Optical Specifications

Working Distance	250 mm
Depth of Field	205–255 mm
Zoom Range	1-18X
FOV (mm)	1X: 255 mm x 145 mm 18X: 14.2 mm x 8 mm
Resolution (lp/mm)	160 lp/mm

Camera and Software Specifications

Sensor	Sony IMX415 STARVIS CMOS, color
Sensor Size	1/2.8 in (5.57 mm x 3.13 mm)
Resolution	8 MP (3840 px x 2160 px)
Data Interface	USB, HDMI, LAN, SD CARD
PC Imaging Software	Advanced Camera Controls: Live/still image measurement and annotation; flat field correction; focus stacking; image stitching
System Compatibility	Windows 7, 8, 10, 11 (64-bit recommended) MacOS: MacOS 10.14 or later
Power	DC 12V 3A (Power adapter included UL/CS/FCC)

Part Numbers

863-777-301	4K Autofocus Digital Microscope
833-101-773	VX3 Boom Stand (Requires Bonder Arm)
863-777-304	VX3 Bonder Arm

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Specifications and part numbers may change. Consult LECO for latest information.

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