

## VMZ20X > Video Microscope

This robust industrial macro video inspection microscope, with wide ranging par focal (constant focus) zoom and light sensitive camera, allows even the most challenging components to be viewed. 360° LED ring illuminator, with electronic level control, provides a shadow free pool of cool white light. Fast screen refresh rates, allow for real time inspection, unlike similar USB digital counterparts.

The depth of field and working distance are the best in its class, with over 200mm of lens to component clearance available at over 50x magnification. Manipulation, re work and assembly become simple and stress free.

The sealed metal case, for the optical assembly is splash proof and maintenance free. The weighted boom stand gives large throat depth and versatility, with a bolt down boss as an option.

The industrial 17" TFT display has a metal casing and toughened glass screen, with anti glare coating.

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- Ø Robust industrial design
  - Ø Splash proof camera case
  - Ø Large capacity boom stand with 400mm of throat depth
  - Ø High resolution, light sensitive sensor
  - Ø Superb depth of focus, with field stop
  - Ø Extended working distance, throughout magnification range
  - Ø Maintenance free operation



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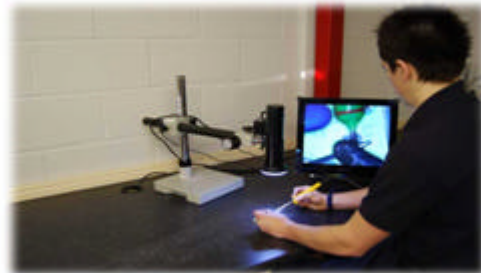


Lens Mag	Zoom Range	Working distance	Field of view at min zoom	Field of view at max zoom
Set for low range	4.5-45x mag	300mm	71mm	7.1mm
Set for mid range	7-70x mag	200mm	50mm	5mm
Set for high range	13-130x mag	120mm	25mm	2.5mm

There is a wide range of accessories available including:

- Ø Screw down boom stand mounting, in lieu of weighted stand base
- Ø Gas strut bench stand for TFT display
- Ø Tilting inspection stage
- Ø Stand alone image capture via compact flash card storage device
- Ø Floating XY inspection stages
- Ø 15" and 17" high resolution CRT in lieu of TFT for more challenging components
- Ø PCI PC and PCMCIA Laptop computer interface cards for PC image display and capture
- Ø Stand alone machine tool version also available

*Call now to arrange a no obligation on site demonstration*



*This is just one of many exciting products available from Optimax Imaging Inspection and Measurement Ltd. Please see our website for more details on our full range of products and services.*

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