



VDM Video Direct P/N RC101-320 Microscope



For Magnified Inspections and Routine Assembly

VDM is a compact microscope that makes high magnification inspection and assembly convenient and easy. No need to peer into an eyepiece all day to inspect small parts or important details on complex parts. Video imaging technology from QVI presents high resolution color images on a 24-inch LCD monitor for viewing from a comfortable distance by an individual or by a group. Great for training inspection teams.

Features:

- Optical real time high magnification color imaging
- Convenient viewing on 24" LCD color monitor
- Stable metal stand with small footprint and built-in back light

VDM - Video Direct Microscope - is available with the EDF (Extended Depth of Field) objective. Its unique optical design keeps detail in focus when the part is as much as 6 inches from the lens. The EDF objective includes on-axis fiber optic illumination.

VDM is the low cost way to improve your visual inspection processes while reducing the strain on your operators. VDM is the inspector's preferred choice.

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|--|---|-------|-------|---------|---------|
| Weight, approximate | 8 lbs/3.6 kg | | | | |
| Dimensions, L, W, H | 230 x 230 x 460 mm | | | | |
| Illuminator Dimensions, L, W, H | 180 x 180 x 125 mm | | | | |
| Base Stand | Z focusing knob with 50 mm range; integral back light | | | | |
| Optional Stand | Universal Pillar Stand includes focusing arm on 200 mm stainless steel post | | | | |
| Camera | High resolutions color CCD with 768 x 494 pixel array | | | | |
| Illumination | 150 W fiber optic illuminator unit | | | | |
| Zoom Objective | 6.5:1 (includes fiber optic ringlight) | | | | |
| Working Distance | 82 mm | | | | |
| Magnification on 24" monitor | 62X to 350X | | | | |
| EDF Objective | | | | | |
| Working Distance | 76.5 - 152.4 mm | 51 mm | 25 mm | 12.7 mm | 6.35 mm |
| Magnification on 24" monitor | 37X | 54X | 115X | 230X | 436X |
| Hardware Options | Video Capture Device, Dust Cover | | | | |
| Power Requirements | 110 VAC \pm 5%, 50/60 Hz, 1-phase | | | | |

RAM Optical
Instrumentation



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Manufactured by:



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