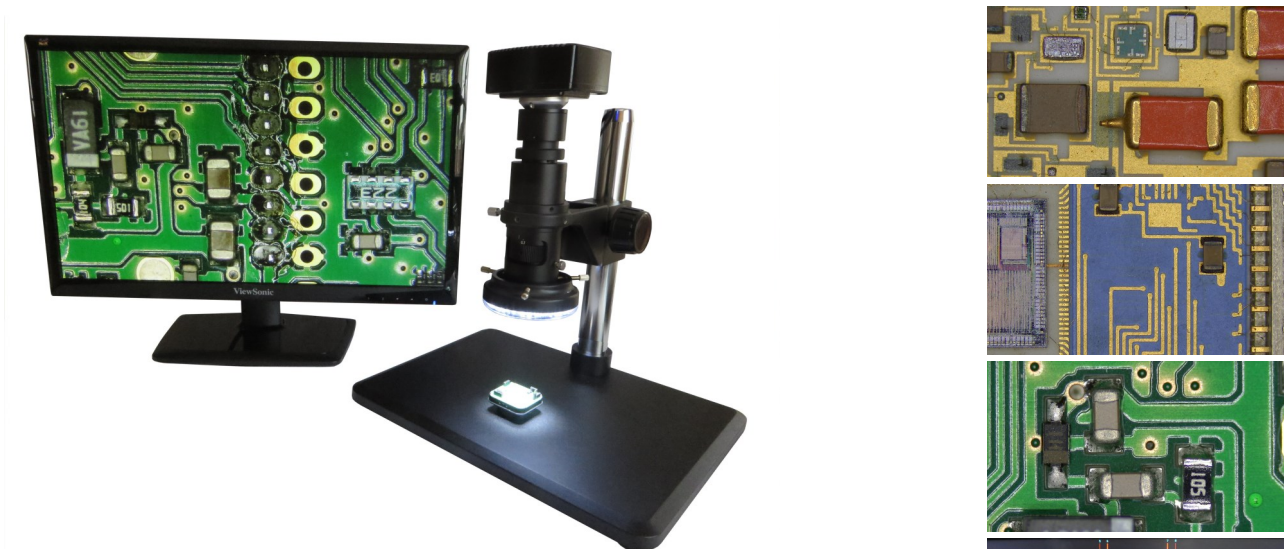


VM7x HD Video Microscope

Macrozoom Video Microscope for SMT, small components, wiring looms and medical devices inspection. Sturdy pole stand or boom stand of metal construction with smooth focus control. Line and cross-hair generator. Image & Video Capture directly into the camera's SD card. High resolution zoom optics and 2 MPixel HDMI camera.

Component inspection and image capture without a computer



Field of View: 19.5 x 11 mm (low mag) to 2.7 x 1.4 mm (high mag)

27 x 15 to 3.8 x 2 mm with measuring camera (see below)

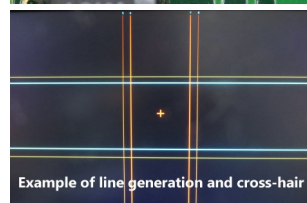
Lens: High resolution 7x zoom ratio, working distance 105mm

Focus Bracket: Focus range 42mm, Reach (centre to centre) 150mm

Stand: 320 x 260mm, Column height 280mm, Column dia 28mm

Camera: 1980 x 1080 pixels, 1/2.8" CMOS, 30fps, 2.75um pixels

Supplied with HDMI cable, wireless mouse, psu and 8 GByte SD card.



Example of line generation and cross-hair



Semi-conductor inspection (with co-axial illumination)



Illustrated here with HDMI measuring camera

FOV 18.5 x 10.5 mm (low) to 2.5 x 1.3 mm (high mag)

Working distance = 100mm

High Quality 7x Zoom Optics

2 MPixel HDMI camera with Sony Sensor

Focus maintained throughout zoom

In-built LED co-axial illumination

IMAGE and VIDEO Capture direct to 8Gb SD card

Measurements are annotated on a captured image