

Microscope Video Unit VMU

SERIES 378 – Microscope Video Unit for Semiconductor Inspection and Repair

Technical Data

Magnification of tube: 1X

Reflected illumination: Telecentric system with aperture stop system; Fibre-optic illuminator (optional) is required

Light source: Halogen bulb 21V, 150W (optional)

Objective lenses for bright field observation: M Plan Apo, M Plan Apo SL, G Plan Apo (optional accessories)

Objective lenses for laser cutting: M Plan Apo NIR, LCD Plan Apo NIR, M Plan Apo NUV and LCD Plan Apo NUV (optional accessories)

Objective lenses for laser machining: M Plan UV for 378-514 only (optional accessories)

- The VMU is a compact, lightweight and easy-to-install microscope unit for CCD camera monitoring in semiconductor fabrication facilities.
- An optical system featuring ultra-long working-distance objectives and correction for the wide range of wavelengths in current use.
- Reflected illumination keeps the workpiece free from thermal expansion (the fibre-optic illuminator is required).
- Also available with a laser mount or turret (objective mount).



VMU-V



VMU-H



VMU-LB



VMU-L4B

SPECIFICATIONS

Code No.	378-505	378-506	378-513	378-514
Applicable wavelengths	Near infrared, visible		Near infrared, visible, near ultraviolet	Near infrared, visible, near ultraviolet, ultraviolet
Vertical CCD camera mount	✓	—	✓	✓
Horizontal CCD camera mount	—	✓	—	—
YAG laser mount	—	—	✓	✓
Fibre optic illumination unit mount	✓	✓	✓	✓
Mass	0.57 kg	0.59 kg	1.27 kg	1.3 kg
Price	£POA	£POA	£POA	£POA