

VMU Video Microscope Unit

Series 378

The VMU is a compact, lightweight, and easy-to-install microscope unit for CCD camera monitoring in semiconductor fabrication facilities.

- The optical system features ultralong working distance objectives and correction for the wide range of radiation wavelengths in use.
- Fibre-optic reflected illumination keeps the workpiece free from thermal expansion. The fibre-optic illuminator is required for the light source.
- Also available with a laser mount or turret (objective mount).



VMU-V
378-505



VMU-H
378-506



VMU-LB
378-513



VMU-L4B
378-514

Selection Guide to System Configuration

(Depends on each system configuration)

No.	Applicable Wavelength	Vertical CCD camera mount	Horizontal CCD camera mount	YAG laser mount	Fibre optic illumination unit	Mass
378-505	Near-infrared and visible radiation	Yes				570 g
378-506	Near-infrared and visible radiation		Yes			590 g
378-513	Near-infrared, visible, near-ultraviolet radiation	Yes		Yes	Yes	1270 g
378-514*	Near infrared, visible, near ultraviolet and ultraviolet radiation	Yes		Yes	Yes	1300 g

Specifications

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 (Optional accessory)	M Plan Apo, M Plan Apo SL, G Plan Apo
Objective lenses for laser cutting (Optional accessory)	M plan Apo NIR, LCD Plan Apo NIR, M Plan Apo NUV and LCD Plan Apo NUV
Objective lenses for laser machining (Optional accessory)	M Plan UV (for 378-514 only)



Refer to the microscope units and objective lenses brochure