SERIES QVM QUICK MEASUREMENT VISION MACHINE

- With double telecentric lens



VIDEO

QVM1010

SPECIFICATION

Code				QVM1010	QVM2020	QVM3020
Measurement	Measuring range	High precision (X*Y axis)		26x18mm	126x117mm	226x117mm
		Wide field of view (X*Y axis)		Ø100mm	200x200mm	300x200mm
	Lens field of view(mm)	High precision		26x18		
		Wide field of view		Ø100		
	Repeatability(μm)	High precision		±0.5		
		Wide field of view		±1		
	Accuracy*(μm)	High precision	Connectionless	±2		
			Connected	/	±(2+L/50)	
		Wide fieldof view	Connectionless	±4		
			Connected	/	±(4+L/50)	
Optical system	Camera			1" 20MP black-white CMOS camera x2		
	Lens			Dual-magnification double-sided telecentric lens		
	Surface light			Elevated quadrant white annular light source + green interstitial light source		
	Contour light			Green parallel bottom light source		
	Coaxial light			Built-in coaxial light source(optional)		
Max. working stage load				5kg		
Power supply				100-240V		
Working environment				Temperature: 0-40°; Humidity: 30-80%(no condensation); Vibration: <0.002g 15Hz		
Minimum display unit(μm)				0.1		
Dimension(L×W×H)				625x309x650mm	625x402x650mm	625x510x650mm
Weight				33kg	45kg	50kg

* Working tememperature is 20±1°C

INCLUDED ACCESSORIES

Main unit	1pc
Computer with measuring software	1pc
Calibration block	1pc
AC/DC adapter	1pc