

VISION SYSTEMS

Quick Vision ELF Series

Features

- Quick Vision ELF, the low cost yet high performance-cost ratio vision measuring machine.
- The programmable ring light (PRL) system allows the operator to easily control the direction, angle, and intensity of surface illumination.
- Quick Vision PRO Series are provided with a programmable power turret tube lens (1X, 2X, 6X) for quick and high accuracy magnification setting.
- Optional touch-probe systems are available.

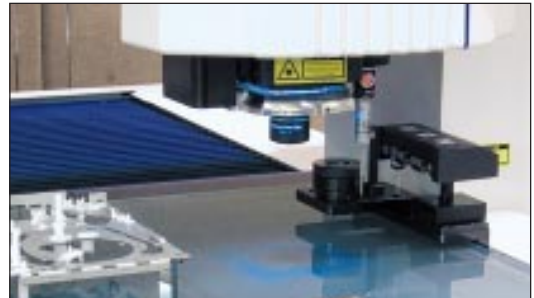
Applicable Models

R/F	With B/W CCD camera and halogen ring fiber illumination.
P/T	With B/W CCD camera, programmable power turret tube lens and RGB LED ring light.
PRO	With B/W CCD camera, programmable power turret tube lens and programmable RGB LED ring light.



Specifications: Quick Vision ELF

Model No.		QVE200	QVE250
Measuring Range	X-axis	8" (200mm)	8" (200mm)
	Y-axis	8" (200mm)	10" (250mm)
	Z-axis	4" (100mm)	4" (100mm)
Resolution		0.0001mm	
Length standard		Linear Scale AT111	
Measuring accuracy (at 20°C)		$U_{1xy} = (2.2 + 3L/1000)\mu\text{m}$	
		$U_{1xy} = (4 + 5L/1000)\mu\text{m}$	
Max.drive speed		100mm/s	
Tube lens	P/T, PRO	1x / 2x / 6x (programmable power turret)	
	R/F	1x (fixed magnification)	
Objectives	P/T, PRO, R/F	1x / 2.5x / 5x	
		Using 1x objective: (32x / 64x / 192x)	
Sensor unit		High resolution B&W CCD camera	
Illumination system	Surface	Coaxial light and fiber-optic ring light (PRO: with PRL system/4-quadrant LED)	
	Contour	Stage light	
Table glass size		10.59" x 10.27"	10.59" x 12.24"
		(269 x 261mm)	(269 x 311mm)
Workpiece load		22 lbs. (10kg) max.	
Power supply		100-120VAC±10%, 50/60Hz	
Power consumption		600W max.	



Optional Touch Probe System for Quick Vision ELF Series.

	Quick Vision ELF
R/F	O (halogen)
P/T	O (halogen)
PRO	O (White LED)
Z/M	–
PRO-II	–
PRO-III	–