Quick Vision APEX / HYPER

Series 363

CNC Vision Measuring System
- Floor-standing CNC Vision Measuring Machine.
- Four-colour LED coaxial lighting.
- Programmable 4-quadrant, 4-colour LED ring light.
- Pattern focus function (refer to Quick Vision Accel page).

Additional Specifications

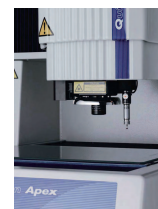|	
Available factory option(s)	**- Series 364** Touch Probe (TP) **- For QV APEX** Power Zoom lens, Colour CCD camera. **- For QV APEX and QV HYPER** Laser Auto Focus (LAF) Touch probe (TP). **Laser Auto Focus (LAF)** Refer to the Quick Vision Accessories page.
Additional objective lenses	Refer to the Optical Accessories page for Quick Scope / Quick Vision

Optional accessories

No.	Description
Calibration charts	
02AKN020.	Calibration chart only
02ATN695.	Calibration chart with holder
Machine stands	
02ATN332.	Machine Stand for QV-302
02ATN333.	Machine Stand for QV-404
02ATN334.	Machine Stand for QV-606

Refer to the Optical Accessories page for Quick Scope / Quick Vision for more information on calibration charts.
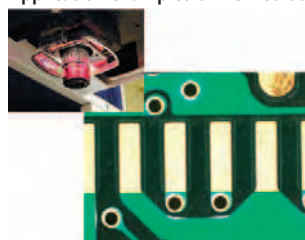
RGB illumination

Changing the illumination colour to red, green, blue or white (synthesized) allows detection of edges which could not be detected with conventional white light.

Touch Probe option

QV Apex 302 PRO
Application examples of RGB Colour Illumination :

Dimension of resist aperture on a printed circuit board

1 Resist aperture dimension
2 Resist

Boundary between chrome and gold-plated surfaces

PRO / PRO2 / PRO3 models

Type	Quick Vision PRO	Quick Vision PRO3
No.	**QV PRO**	**QV PRO3**
Optical system	Programmable Power Turret (PPT)	Programmable Power Turret (PPT)
Magnification (optical system)	1X ; 2X ; 6X	1X ; 2X ; 6X
Sensor	High-sensitivity CCD B&W 380.000 pixels	High-sensitivity CCD Colour 270,000 pixels
Illumination	LED : - Contour (White) - Coaxial (RGB) - 4-quadrant PRL (RGB) **(PRL : refer to the QV-ELF page)**	Halogen (Cold light via optical fibre) - Contour - Coaxial - 4-quadrant PRL **(PRL : refer to the QV-ELF page)**

Refer to the Quick Vision brochure

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Mitutoyo