

Vision Measuring Systems



QV TP Active/QV TP Pro CNC Vision Measuring System equipped with a Touch Trigger Probe

Non-contact and contact measurement on one machine

- QV touch-trigger probe unit enables both vision measurement and touch-trigger probe measurement.

3D workpiece measurement

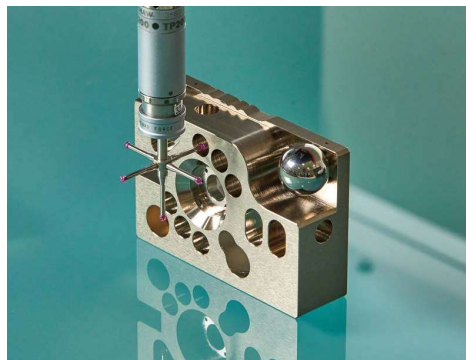
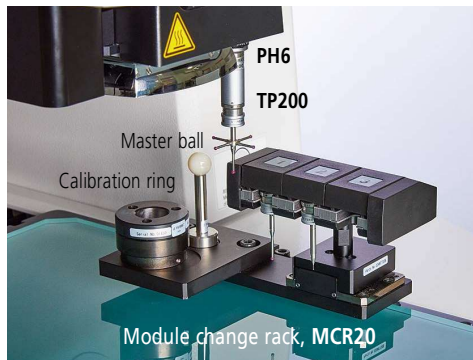
- Enables 3D measurement of workpieces, such as press-molded products, plastic-molded products, and machined products, that until now could not be measured with image processing alone.

Module change rack available

- Using the module change rack enables switching between vision measurement and touch probe measurement during an automatic measuring sequence.



QV TP HYPER 404 Pro



SPECIFICATIONS WITH TOUCH-TRIGGER PROBE OPTIONS MOUNTED

Items	Model No.	QV TP Active 202	QV TP Active 404
Measuring range*1 (X×Y×Z)	Vision	250×200×150 mm	400×400×200 mm
	Common to Touch-trigger Probe	184×200×150 mm	334×400×200 mm
Measuring accuracy*2 (Touch-trigger probe)	E _x , E _y , E _z	(2.4 + 3L / 1000) μm	(2.4 + 3L / 1000) μm

Items	Model No.	QV TP APEX 302 Pro	QV TP APEX 404 Pro	QV TP APEX 606 Pro	QV TP HYPER 302 Pro	QV TP HYPER 404 Pro	QV TP HYPER 606 Pro
Measuring range*1 (X×Y×Z)	Vision	300×200×200 mm	400×400×250 mm	600×650×250 mm	300×200×200 mm	400×400×250 mm	600×650×250 mm
	Common to Touch-trigger Probe	234×200×200 mm	334×400×250 mm	534×650×250 mm	234×200×200 mm	334×400×250 mm	534×650×250 mm
Measuring accuracy*2 (Touch-trigger probe)	E _x , MPE / E _y , MPE / E _z , MPE	(1.8 + 3L / 1000) μm			(1.7 + 3L / 1000) μm		

*1 When a module change rack, a master ball, and a calibration ring are mounted, the measurement ranges are smaller than those in the table. Other specifications are the same as those for QV Active, QV APEX Pro, and QV HYPER Pro.

Please contact our sales office for more details.

*2 L=length between two arbitrary points (mm)



Refer to the **QUICK VISION Series Brochure (E14028)** for more details.