

QV HYBRID Type 1

Series 365 - CNC Vision Measuring System

QV APEX-based

- Accuracy $E_{1(x,y)}^{(1)} = (1,5+0,3L/100) \mu\text{m}$
- Accuracy $E_{1(z)}^{(1)} = (1,5+0,4L/100) \mu\text{m} / (1,5+0,3L/100) \mu\text{m}^{(2)}$
- Accuracy $E_{2(xy)}^{(1)} = (2+0,4L/100) \mu\text{m}$

Type	QVH1 APEX 302	QVH1 APEX 404	QVH1 APEX 606
No.	365-111-1EU	365-131-1EU	365-151-1EU
No. UK only	365-111-1E	365-131-1E	365-151-1E
Range - Vision	300 x 200 x 200 mm	400 x 400 x 250 mm	600 x 650 x 250 mm
Range - Non-contact Displacement Sensor (Type 1)	180 x 200 x 200 mm	280 x 400 x 250 mm	480 x 650 x 250 mm

QV STREAM PLUS-based

- Accuracy $E_{1(x,y)}^{(1)} = (1,5+0,3L/100) \mu\text{m}$
- Accuracy $E_{1(z)}^{(1)} = (1,5+0,4L/100) \mu\text{m} / (1,5+0,3L/100) \mu\text{m}^{(2)}$
- Accuracy $E_{2(xy)}^{(1)} = (2+0,4L/100) \mu\text{m}$

Type	QVH1 STREAM PLUS 302	QVH1 STREAM PLUS 404	QVH1 STREAM PLUS 606
No.	365-115-1EU	365-135-1EU	365-155-1EU
No. UK only	365-115-1E	365-135-1E	365-155-1E
Range - Vision	300 x 200 x 200 mm	400 x 400 x 250 mm	600 x 650 x 250 mm
Range - Non-contact Displacement Sensor (Type 1)	180 x 200 x 200 mm	280 x 400 x 250 mm	480 x 650 x 250 mm

QV HYPER-based

- Accuracy $E_{1(x,y)}^{(1)} = (0,8+0,2L/100) \mu\text{m}$
- Accuracy $E_{1(z)}^{(1)} = (1,5+0,2L/100) \mu\text{m} / (1,5+0,2L/100) \mu\text{m}^{(2)}$
- Accuracy $E_{2(xy)}^{(1)} = (1,4+0,3L/100) \mu\text{m}$

Type	QVH1 HYPER 302	QVH1 HYPER 404	QVH1 HYPER 606
No.	365-114-1EU	365-134-1EU	365-154-1EU
No. UK only	365-114-1E	365-134-1E	365-154-1E
Range - Vision	300 x 200 x 200 mm	400 x 400 x 250 mm	600 x 650 x 250 mm
Range - Non-contact Displacement Sensor (Type 1)	180 x 200 x 200 mm	280 x 400 x 250 mm	480 x 650 x 250 mm

QV ACCEL-based

Model 808 / 1010

Model 1212 / 1517

- Accuracy $E_{1xy}^{(1)} = (1,5+0,3L/100) \mu\text{m}$ - Accuracy $E_{1(xy)}^{(1)} = (2,2+0,3L/100) \mu\text{m}$
- Accuracy $E_{1(z)}^{(1)} = (1,5+0,4L/100) \mu\text{m} / (1,5+0,3L/100) \mu\text{m}^{(2)}$ - Accuracy $E_{1(z)}^{(1)} = (1,5+0,4L/100) \mu\text{m} / (1,5+0,3L/100) \mu\text{m}^{(2)}$
- Accuracy $E_{2(xy)}^{(1)} = (2,5+0,4L/100) \mu\text{m}$ - Accuracy $E_{2(xy)}^{(1)} = (3,5+0,4L/100) \mu\text{m}$

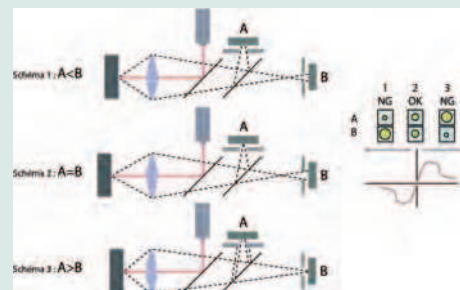
Type	QVH1 ACCEL 808	QVH1 ACCEL 1010	QVH1 ACCEL 1212	QVH1 ACCEL 1517
No.	365-311-1EU	365-331-1EU	365-351-1EU	365-371-1EU
No. UK only	365-311-1E	365-331-1E	365-351-1E	365-371-1E
Range - Vision	800 x 800 x 150 mm	1000 x 1000 x 150 mm	1250 x 1250 x 100 mm	1500 x 1750 x 100 mm
Range - Non-contact Displacement Sensor (Type 1)	680 x 800 x 150 mm	880 x 1000 x 150 mm	1130 x 1250 x 100 mm	1380 x 1750 x 100 mm

Other features similar to those of corresponding QV series

⁽¹⁾ According to Mitutoyo inspection method

⁽²⁾ Using non-contact displacement sensor

L = measured length (mm)



QV-Hybrid Type 1 : Laser principle, double pinhole method