

Technical Specifications Quick Vision Ultra

Model		QUICK VISION ULTRA 404 PRO	
Measuring range [mm]	X x Y x Z		400 x 400 x 200
Scales	Resolution [µm]		0,01
	Type		Reflective linear encoders
Driving method			DC servo motor and ball screw
Guide method			Air bearing
Image processing unit			B/W CCD camera
Illumination	Transmitted light		Halogen cold light
	Coaxial light		Halogen cold light
	Programmable ring light		Halogen cold light
Optical system			Programmable power turret (1x, 2x, 6x)
Measuring accuracy [µm]	E1	X, Y	(0,25 + 0.001 L)
		Z	(1,5 + 0,002 L)
	E2	XY plane	(0,5 + 0,002 L)
Max. driving speed [mm/s]	X, Y, Z		150
Stage glass size [mm]	W x D		493 x 551
Max. workpiece mass [kg]			40
Dimensions incl. stage	W x D x H		1172 x 1735 x 1910
Weight [kg]	Main unit with stage		2025
Temperature range in which the accuracy is warranted [°C]			20 ± 0.2