

Main Unit Spec

RV Series	RV300	RV500	RV1100	RV1100+
Measurement Distance	500 to 600 mm 19.7 to 23.6 inch	800 to 1000 mm 31.5 to 39.4 inch	1750 to 2350 mm 68.9 to 92.5 inch	1750 to 2650 mm 68.9 to 104.3 inch
Measurement range H x W x D	340x340x100 mm 13.4x13.4x3.9 inch	540x540x200 mm 21.3x21.3x7.9 inch	1160x1160x600mm 45.7x45.7x23.6 inch	See red framed area below.
Minimum Work Size	10×10 mm 0.39 x 0.39 inch	20×20 mm 0.79 x 0.79 inch	45×45 mm 1.77 x 1.77 inch	50×50 mm 1.97 x 1.97 inch
Recognition time [sec] *1	1.8	1.8	2.5	2.5
Repeatability 3σ	0.1 mm 0.004 inch	0.1 5 mm 0.005 inch	0.5 mm 0.020 inch	1.0 mm 0.039 inch
Minimum Thickness when recognition algorithm for thin work is applied. *2	0.4 mm 0.016 inch	0.6 mm 0.024 inch	2 mm 0.079 inch	4 mm 0.158 inch
External Dimension	252 x 206 x 124 mm / 9.9 x 8.1 x 4.9 inch			
Weight	6.4 Kg / 14.1 lb			
Operating Temperature	0 – 45°C / 32 – 113°F			
IP Rating	IP54			

*1 The time is measured by using an eyebolt M30 for RV1100, an eyebolt M12 for RV500 and an eyebolt M8 for RV300 as a target work, and setting the default measurement modes and the default recognition parameters. (Measurement period may vary depending on target work, measurement modes and recognition parameters.)

*2 It requires to turn on “Recognize as thin work” parameter.

RV1100+ Measurement Field Expansion

