

		7320SI (2.0 m)	7325SI (2.5 m)	7330SI (3.0 m)	7335SI (3.5 m)	7340SI (4.0 m)	7345SI (4.5 m)
73-SERIES	Single point repeatability	0.044 mm / 0.0017 in	0.049 mm / 0.0019 in	0.079 mm / 0.0031 in	0.099 mm / 0.0039 in	0.115 mm / 0.0045 in	0.141 mm / 0.0056 in
	Volumetric accuracy	± 0.061 mm / 0.0024 in	± 0.069 mm / 0.0027 in	± 0.100 mm / 0.0039 in	± 0.125 mm / 0.0049 in	± 0.151 mm / 0.0059 in	± 0.179 mm / 0.0070 in
	Scanning system accuracy (RS4)	0.079 mm / 0.0031 in	0.084 mm / 0.0033 in	0.119 mm / 0.0047 in	0.147 mm / 0.0058 in	0.181 mm / 0.0071 in	0.214 mm / 0.0084 in
	Arm weight	8.3 kg / 18.3 lbs	8.6 kg / 19.0 lbs	8.9 kg / 19.6 lbs	9.2 kg / 20.3 lbs	9.5 kg / 20.9 lbs	9.8 kg / 21.6 lbs
		7520SI (2.0 m)	7525SI (2.5 m)	7530SI (3.0 m)	7535SI (3.5 m)	7540SI (4.0 m)	7545SI (4.5 m)
75-SERIES	Single point repeatability	0.023 mm / 0.0009 in	0.027 mm / 0.0011 in	0.042 mm / 0.0017 in	0.055 mm / 0.0022 in	0.067 mm / 0.0026 in	0.084 mm / 0.0033 in
	Volumetric accuracy	± 0.033 mm / 0.0013 in	± 0.038 mm / 0.0015 in	± 0.058 mm / 0.0023 in	± 0.081 mm / 0.0032 in	± 0.098 mm / 0.0039 in	± 0.119 mm / 0.0047 in
	Scanning system accuracy (RS4)	0.058 mm / 0.0023 in	0.063 mm / 0.0025 in	0.083 mm / 0.0033 in	0.101 mm / 0.0040 in	0.119 mm / 0.0047 in	0.138 mm / 0.0054 in
	Arm weight	8.6 kg / 19.0 lbs	8.9 kg / 19.6 lbs	9.2 kg / 20.3 lbs	9.5 kg / 20.9 lbs	9.8 kg / 21.6 lbs	10.1 kg / 22.3 lbs
			7725SI (2.5 m)	7730SI (3.0 m)	7735SI (3.5 m)	7740SI (4.0 m)	7745SI (4.5 m)
77-SERIES	Single point repeatability		0.023 mm / 0.0009 in	0.036 mm / 0.0014 in	0.047 mm / 0.0019 in	0.057 mm / 0.0022 in	0.071 mm / 0.0028 in
	Volumetric accuracy		± 0.034 mm / 0.0013 in	± 0.052 mm / 0.0020 in	± 0.073 mm / 0.0029 in	± 0.088 mm / 0.0035 in	± 0.107 mm / 0.0042 in
	Scanning system accuracy (RS4)		0.050 mm / 0.0020 in	0.066 mm / 0.0026 in	0.081 mm / 0.0032 in	0.095 mm / 0.0037 in	0.110 mm / 0.0043 in
	Arm weight		8.9 kg / 19.6 lbs	9.2 kg / 20.3 lbs	9.5 kg / 20.9 lbs	9.8 kg / 21.6 lbs	10.1 kg / 22.3 lb

Scanning Sensor Specifications: Integrated Scanner RS4

Point acquisition rate	752 000 points/s	
Points per line	Max. 7520	
Line rate	Max. 100 Hz	
Line width	min.	80 mm
	mid.	115 mm
	max.	150 mm
Stand off	165 +/- 50 mm	
Accuracy	0.028 mm (2)	
Minimum point spacing	0.011 mm (line)	
System scanning certification	Yes	
Laser class	2M	
Operating temperature	5–40°C	

