

TECHNICAL SPECIFICATIONS

Available Tube Probe Sizes

Tube Probe Part Number

NCA7-3-52536-01

NCA7-3-52536-02

NCA7-3-52536-03

NCA7-3-52536-04

NCA7-3-52536-05

NCA7-3-52536-06

Measurement Range

4-13mm

6-20mm

10-40mm

12-65mm

20-85mm

30-130mm

6-Axis Romer Absolute Arm Probing Specifications – 73 series (For use with ROMER Tube Inspection Systems)

Model ³	Measuring Range	Probing Point Repeatability ¹	Probing Volumetric Accuracy ²	Arm Weights
7315	1.5 m / 4.9 ft.	± 0.025 mm / 0.0010 in.	± 0.037 mm / 0.0015 in.	7.1 kg / 15.6 lbs.
7320	2.0 m / 6.6 ft.	± 0.030 mm / 0.0012 in.	± 0.042 mm / 0.0017 in.	7.4 kg / 16.3 lbs.
7325	2.5 m / 8.2 ft.	± 0.038 mm / 0.0015 in.	± 0.051 mm / 0.0020 in.	7.7 kg / 17.0 lbs.
7330	3.0 m / 9.8 ft.	± 0.065 mm / 0.0026 in.	± 0.095 mm / 0.0037 in.	8.0 kg / 17.6 lbs.
7335	3.5 m / 11.5 ft.	± 0.095 mm / 0.0037 in.	± 0.130 mm / 0.0051 in.	8.3 kg / 18.3 lbs.
7340	4.0 m / 13.1 ft.	± 0.120 mm / 0.0047 in.	± 0.149 mm / 0.0059 in.	8.6 kg / 19.0 lbs.
7345	4.5 m / 14.8 ft.	± 0.150 mm / 0.0059 in.	± 0.170 mm / 0.0067 in.	8.9 kg / 19.6 lbs.

6-Axis Romer Absolute Arm Probing Specifications – 75 series (For use with ROMER Tube Inspection Systems)

Model	Measuring Range	Probing Point Repeatability ¹	Probing Volumetric Accuracy ²	Arm Weights
7520	2.0 m / 6.6 ft.	± 0.016 mm / 0.0006 in.	± 0.023 mm / 0.0009 in.	7.7 kg / 17.0 lbs.
7525	2.5 m / 8.2 ft.	± 0.020 mm / 0.0008 in.	± 0.029 mm / 0.0011 in.	8.0 kg / 17.6 lbs.
7530	3.0 m / 9.8 ft.	± 0.033 mm / 0.0013 in.	± 0.049 mm / 0.0019 in.	8.3 kg / 18.3 lbs.
7535	3.5 m / 11.5 ft.	± 0.043 mm / 0.0017 in.	± 0.061 mm / 0.0024 in.	8.6 kg / 19.0 lbs.
7540	4.0 m / 13.1 ft.	± 0.061 mm / 0.0024 in.	± 0.075 mm / 0.0030 in.	8.9 kg / 19.6 lbs.
7545	4.5 m / 14.8 ft.	± 0.070 mm / 0.0028 in.	± 0.082 mm / 0.0032 in.	9.2 kg / 20.3 lbs.