

ROD SOURCES

ERS rod sources and Pen Point Markers are calibrated by direct comparison of standardized solutions traceable to the National Institute of Standards and Technology (NIST), in an identical geometry, using a pressurized ion chamber with $\pm 5\%$ accuracy.

ERS rod sources can be supplied in set or individually in accordance with customer request

ERS offers a wide range of rod sources that are used for calibrating well counters and thyroid uptake systems. Rod sources are constructed of acrylic material and have a flat base which allows easy positioning in the vertical position required for consistent accuracy of the calibration process.



Product Code	Product Type	Isotope	Activity	Quantity	Dimensions (Diameter x Length)
			SI	NON SI	mm
KSR8130	Rod Source	Na-22	3.7 kBq	0.1 uCi	12.7mm x 127 mm
KSR8140	Rod Source	Na-22	37 kBq	1 uCi	12.7mm x 127 mm
KSR8230	Rod Source	Co-57	3.7 kBq	0.1 uCi	12.7mm x 127 mm
KSR8240	Rod Source	Co-57	18.5 kBq	0.5 uCi	12.7mm x 127 mm
KSR8330	Rod Source	Ba-133	37 kBq	1 uCi	12.7mm x 127 mm
KSR8340	Rod Source	Ba-133	3.7 kBq	0.1 uCi	12.7mm x 127 mm
KSR8430	Rod Source	Cs-137	37 kBq	1 uCi	12.7mm x 127 mm
KSR8440	Rod Source	Co-60	3.7 kBq	0.1 uCi	12.7mm x 127 mm
KSR8530	Rod Source	Co-60	37 kBq	1 uCi	12.7mm x 127 mm
KSR8540	Rod Source	Co-60	3.7 kBq	0.1 uCi	12.7mm x 127 mm
KSR8830	Rod Source	Eu-152	37 kBq	1 uCi	12.7mm x 127 mm
KSR8840	Rod Source	Eu-152	3.7 kBq	0.1 uCi	12.7mm x 127 mm
KSR8130-1u	Rod Source	Na-22	37 kBq	1	12.7mm x 127 mm
KSR8730-0,1u	Rod Source	Cd-109	3.7 kBq	0.1 uCi	12.7mm x 127 mm
KSR8730-1u	Rod Source	Cd-109	37 kBq	1 uCi	12.7mm x 127 mm
KSR8830-0,1u	Rod Source	Eu-152	3.7 kBq	0.1 uCi	12.7mm x 127 mm
KSR8830-0,5u	Rod Source	Eu-152	18.5 kBq	0.5 uCi	12.7mm x 127 mm
KSR8830-1u	Rod Source	Eu-152	37 kBq	1 uCi	12.7mm x 127 mm
KSR8240-0,1u	Rod Source	Co-57	3.7 kBq	0.1 uCi	12.7mm x 74.9 mm
KSR8240-1u	Rod Source	Co-57	37 kBq	1 uCi	12.7mm x 74.9 mm
KSR8440-0,1u	Rod Source	Cs-137	3.7 kBq	0.1 uCi	12.7mm x 74.9 mm
KSR8440-1u	Rod Source	Cs-137	37 kBq	1 uCi	12.7mm x 74.9 mm
KSR8340-0,1u	Rod Source	Ba-133	3.7 kBq	0.1 uCi	12.7mm x 74.9 mm
KSR8340-1u	Rod Source	Ba-133	37 kBq	1 uCi	12.7mm x 74.9 mm
KSR8540-0,1u	Rod Source	Co-60	3.7 kBq	0.1 uCi	12.7mm x 74.9 mm
KSR8540-1u	Rod Source	Co-60	37 kBq	1 uCi	12.7mm x 74.9 mm
KSR8640-0,1u	Rod Source	Mn-54	3.7 kBq	0.1 uCi	12.7mm x 74.9 mm
KSR8640-1u	Rod Source	Mn-54	37 kBq	1 uCi	12.7mm x 74.9 mm
KSR8140-0,1u	Rod Source	Na-22	3.7 kBq	0.1 uCi	12.7mm x 74.9 mm
KSR8140-1u	Rod Source	Na-22	37 kBq	1 uCi	12.7mm x 74.9 mm
KSR8740-0,1u	Rod Source	Cd-109	3.7 kBq	0.1 uCi	12.7mm x 74.9 mm
KSR8740-1u	Rod Source	Cd-109	37 kBq	1 uCi	12.7mm x 74.9 mm
KSR8840-0,1u	Rod Source	Eu-152	3.7 kBq	0.1 uCi	12.7mm x 74.9 mm
KSR8840-1u	Rod Source	Eu-152	37 kBq	1 uCi	12.7mm x 74.9 mm