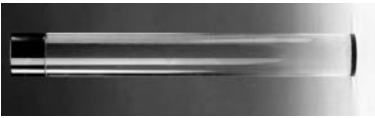


Disk & Rod Sources

Disk Source

Disk Sources are mainly used for checking the performance of GM tubes and NaI detectors. The disks measure 1" (25.4 mm) by 0.25" (6.35 mm) and are manufactured of high-strength plastic. The active diameter of the disk is 0.197" (5.0 mm) with the active area centered in the disk.

Capintec offers the highest quality disk source at the lowest cost (to you.) There are many more nuclide disk sources available than are shown. If you do not find the source you need, call Capintec; we will let you know what is available.



Rod Source

Capintec offers a wide variety of *Rod Sources for well counters to satisfy the needs of your department. These sources are used for calibrating well type NaI detectors. They are constructed of high-strength plastic to withstand the rigors of constant use in a busy department. They have a flat base which allows easy positioning in the vertical position required for consistent accuracy (in the counting of) many tests.

Capintec Rod Sources are calibrated as NIST traceable with an accuracy of $\pm 5\%$ at the 99% confidence level. Each source consists of a lucite rod measuring 12.7 mm (0.5") x 75 mm (2.95") as a standard size. The active diameter of the rod source is 0.187" (4.75 mm).

ITEM #	DESCRIPTION
ROD SOURCES 12.7mm (0.5") X 127mm (5")	
0975-152R	Eu-152 (0.5 μ Ci Rod)
0975-137R	Cs-137 (0.5 μ Ci Rod)
ROD SOURCES 12.7mm (0.5") X 127mm (5") NIST TRACEABLE $\pm 5\%$	
0975-138S	Ba-133 3700 Bq (0.1 μ Ci) Rod
0975-138T	Ba-133 0.370 MBq (10 μ Ci) Rod
0975-146S	Cd-109 0.037 MBq (1 μ Ci) Rod
0975-146T	Cd-109 0.370 MBq (7-10 μ Ci) Rod
0975-139S	Cs-137 3700 Bq (0.1 μ Ci) Rod
0975-139R	Cs-137 0.037 MBq (1 μ Ci) Rod
0975-139T	Cs-137 0.370 MBq (10 μ Ci) Rod
0975-137S	Co-57 3700 Bq (0.1 μ Ci) Rod
0975-0025	Co-57 37 kBq (1.0 μ Ci) Rod
0975-137T	Co-57 0.370 MBq (10 μ Ci) Rod
0975-142S	Co-60 3700 Bq (0.1 μ Ci) Rod
0975-142R	Co-60 0.037 MBq (1 μ Ci) Rod
0975-142T	Co-60 0.370 MBq (7-10 μ Ci) Rod
0975-135S	I-129 3700 Bq (0.1 μ Ci) Rod
0975-140S	Mn-54 3700 Bq (0.1 μ Ci) Rod
0975-140T	Mn-54 0.370 MBq (10 μ Ci) Rod
0975-0026	Mn-54 37 kBq (1.0 μ Ci) Rod
0975-141S	Na-22 3700 Bq (0.1 μ Ci) Rod
0975-141T	Na-22 0.320 MBq (7-10 μ Ci) Rod
0975-0027	Na-22 37 kBq (1.0 μ Ci) Rod
0975-100S	Rod Set: Co-57, Na-22, Cs-137, Mn-54 Co-60, Ba-133 (0.1 μ Ci), Cd-109 (1 μ Ci) Rods
0975-100T	Rod Set: Co-57, Na-22, Cs-137, Mn-54 Co-60, Ba-133 (.1 μ Ci), Cd-109 (7-10 μ Ci) Rods

ITEM #	DESCRIPTION
DISK SOURCES ARE 25 mm (0.250") THICK, NIST TRACEABLE $\pm 5\%$	
GAMMA	
0975-128S	Am-241 0.370 MBq (10 μ Ci) Disk
0975-130S	Ba-133 0.037 MBq (1 μ Ci) Disk
0975-105S	Cd-109 0.370 MBq (7-10 μ Ci) Disk
0975-131S	Cs-137 0.037 MBq (1 μ Ci) Disk
0975-139X	Cs-137 0.37 MBq (10 μ Ci) Disk
0975-129S	Co-57 0.037 MBq (1 mCi) Disk
0975-134S	Co-60 0.037 MBq (.7-1 μ Ci) Disk
0975-186S	I-129 3700 Bq (0.1 μ Ci) Disk
0975-132S	Mn-54 0.037 MBq (1 μ Ci) Disk
0975-133S	Na-22 0.037 MBq (1 μ Ci) Disk
0975-101S	Co-57, Na-22, Cs-137, Mn-54, Co-60, Ba-133(1 μ Ci), Cd-109 (7-10 μ Ci) Disk
ALPHA	
0975-0241	Am-241 0.1 μ Ci NIST Traceable +/- 5% in A-2 Disk, 0.5mm dia.
ALPHA	
0975-0090	Sr-90/Y-90 0.1 μ Ci NIST Traceable +/- 5% in A Disk, 25.4mm dia. BETA
0975-0099	Tc-99 0.1 μ Ci NIST Traceable +/- 5% in A Disk, 25.4mm dia. BETA

* Shorter 3" size must be custom ordered.
When ordering, please specify rod size.

Custom Activities Available Upon Request.
Please Call