

Gammaprobe System	FWHM radial sensitivity distribution 30cm distance	FWHM radial sensitivity distribution 3cm distance	FWHM spatial resolution 1 cm distance	Max. sensitivity of a point-source [cps/kBq]	Max. sensitivity outside measurement-field (leak-sensitivity) [cps/MBq]	Ratio of leak-sensitivity to max. sensitivity	probe-shape			
							diameter	inclined measurement angle		
Standard probes										
C-Trak Omni-Probe	Without collimator	58°	65°	18 mm	28	350 (1cm behind probe tip)	1.3 %	11 mm	yes	
	Standard-collimator	50°	59°	15 mm	23	4 (at probe bend)	0.02 %	15 mm		
	Lechner-collimatot	33°	38°	9 mm	9.5	4 (at probe bend)	0.04 %	15 mm		
	Lechner 0.66- colli.	31°	36°	9 mm	9	2 (at probe bend)	0.02 %	17 mm		
Navigator 11 mm		70°	80°	18 mm	6.7	47 (1 cm behind probe tip)	0.7 %	11 mm	yes/no	
Navigator 14 mm		58°	64°	20 mm	5	45 (1 cm behind probe tip)	0.9 %	14 mm	yes/no	
Stratec straight probe		36°	50°	14 mm	11	60 (12 cm behind probe tip)	0.5 %	20 mm	no	
Stratec kinked probe		40°	54°	19 mm	13.3	10 (at probe bend)	0.08 %	17 mm	yes	
Crystal CXS-SG03, straight probe		40°	49°	17 mm	10.5	3.5 (8 cm behind probe tip)	0.03 %	12 mm	no	
Crystal Flex-Probe CXS-SG03 OPSZF	60°-collimator	60°	77°	22 mm	21.5	7 (at probe bend)	0.03 %	15 mm	variable	
	40°-collimator	51°	63°	18 mm	21.5		0.03 %			
	20°-collimator	40°	47°	12 mm	11.3		0.06%			
Neoprobe 2000 12 not colli. probe	B l u	Without colli.	93°	100°	24 mm	20.5	135 (at probe bend)	0.7 %	14 mm	yes
		With colli.	33°	39°	14 mm	8.8		1.5 %	18 mm	
Neoprobe 2000 12 colli. probe	e	Without colli.	46°	57°	16 mm	7.9	421 (1 cm behind probe tip)	5.3 %	14 mm	yes
		With colli.	26°	33°	11 mm	3.5	174 (at probe bend)	4.4 %	18 mm	
Neoprobe 2000 19 not colli. probe	T i p	Without colli.	123°	145°	30 mm	44.5	318 (at probe bend)	0.7 %	23 mm	yes
		With colli.	41°	63°	20 mm	11		2.9 %	26 mm	
Neoprobe 2000 14 straight probe		Without colli.	118°	133°	26 mm	54	14 (4 cm behind probe)	0.03 %	14 mm	no
		With colli.	36°	52°	15 mm	9.8		0.14 %	16 mm	
Europrobe CdTe	Without collimator	74°	81°	15 mm	10	35 (0.7 cm behind probe tip)	0.35 %	11 mm	yes	
	Standard collimator	35°	42°	11 mm	3	0.4 (1.5 cm behind probe tip)	0.01 %	15 mm	yes	
Europrobe CsJ	Without collimator	75°	94°	21 mm	18	30 (1.5 cm behind probe tip)	0.17 %	16 mm	yes	
	Standard collimator	35°	48°	14 mm	7	0.23(1.5 cm behind probe tip)	0.003 %	19 mm	yes	
Europrobe CsJ high sensitivity	Without collimator	85°	98°	25 mm	30	45 (0.7 cm behind probe tip)	0.15 %	16 mm	yes	
	Standard collimator	35°	48°	14 mm	12	0.36(1.5 cm behind probe tip)	0.003 %	19 mm	yes	
ScintiProbe 18LV-3		71°	100°	21 mm	40	60 (11 cm behind probe tip)	0.1 %	18 mm	yes/no	
ScintiProbe 18LVR	Collimator Step 1	42°	62°	20 mm	11	34 (2 cm behind probe tip)	0.3 %	18 mm	no	
	Collimator Step 2	49°	65°	22 mm	14		0.2 %			
	Collimator Step 3	65°	83°	23 mm	19		0.2 %			
	Collimator Step 4	80°	100°	25 mm	33		0.1 %			
ScintiProbe 15-B		45°	60°	20 mm	12	12 (1cm behind probe bend)	0.1 %	16 mm	yes	
ScintiProbe 22LV		26°	38°	13 mm	2	10 (1.5 cm behind probe tip)	0.5 %	22 mm	no	
Silicon Instruments		58°	76°	15 mm	10	5 (0.5 cm behind probe tip)	0.05 %	13 mm (conical)	no	
Laparoscopic probes										
Stratec laparoscope		38°	50°	13mm	6.2	18 (1 cm behind probe tip)	0.3 %	11 mm	no	
C-Trak laparoscope		66°	72°	16 mm	9.5	3.9 (3 cm behind probe tip)	0.04 %	10 mm	no	
Crystal, probe with perpendicular (90°) measurement direction		77°/65°	81°/68°	18 mm	22.5	55 (opposite to measurement direction)	0.24 %	10 mm	yes (90°)	
Crystal, probe with inclined (42°) measurement direction		77°/62°	80°/65°	17mm/15mm	16.5	120 (opposite to measurement direction)	0.7 %	10 mm	yes (42°)	
Crystal, probe with forward (0°) measurement direction		56°	56°	14 mm	13.5	140 (1 cm behind probe tip)	1.0 %	10 mm	no (0°)	
ScintiProbe 11L		54°	66°	19 mm	5.6	16 (1.5 cm behind probe tip)	0.3 %	12 mm	no	
ScintiProbe 11/20 with inclined measurement direction	Longitudinal	30°	36°	10 mm	5.6	18 (1.5 cm behind probe tip)	0.3 %	11 mm	no	
	Transverse			8 mm						