Scientific Cell Company

2012 Hollow Cathode Lamp Price List

Scientific Cell Company
80 Skyline Drive
Plainview, NY 11803

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Phone: 516-939-0808
Fax: 516-939-0555
E-mail: info@hellmausa.com

Scientific Cell Company

37 mm Single Element Lamp Price List

Element(s)	Part No.	Description	SAP	Standard List	SAP	Data Coded (-U) List	SAP	Data coded (-V) List	SAP	Self-Reversal (-SH) List
Aluminum	3UNX/Al	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	13892	$250.00	13894	$244.25	13893	$244.25	13895	$349.00
Antimony	3QNY/Sb	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	13898	$244.25	13920	$273.00	13899	$328.75	13921	$349.00
Arsenic	3QNY/As	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	13924	$339.75	13926	$311.00	13925	$367.50	13927	$349.00
Barium	3BAX/Ba	37mm standard lamp, with borosilicate glass envelope, argon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	13930	$289.25	13932	$340.00	13931	$301.50	13933	$349.00
Beryllium	3QNY/Be	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	13936	$696.25	13938	$714.25	13937	$710.75	13939	On request
Bismuth	3QNY/Bi	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	13942	$269.25	13944	$287.25	13943	$349.00	13945	$349.00
Boron	3UNX/B	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	13948	$289.00	13960	$307.00	13949	$303.50	13961	$349.00
Cadmium	3QNY/Cd	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	13964	$275.00	13966	$285.25	13965	$310.00	13967	$349.00
Cesium	3BNX/Cs	37mm standard lamp, with borosilicate glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	13970	$308.25	13972	$349.00	13971	$294.25	13973	$349.00
Calcium	3UNX/Ca	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	13976	$262.00	13978	$280.00	13977	$310.75	13979	$349.00
Cerium	3UNX/Ce	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	13982	$640.00	13985	On request	13983	$349.00	13581	$645.00

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Element(s)	Part No.	Description	SAP	Standard List	SAP	Data Coded (-U) List	SAP	Data coded (-V) List	SAP	Self-Reversal (-SH) List
Chromium	3UNX/Cr	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	13986	$269.50	13988	$317.75	13987	$304.00	13989	$349.00
Cobalt	3UNX/Co	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	13992	$345.75	13994	$363.75	13993	$360.25	13995	On request
Copper	3UNX/Cu	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	13998	$261.50	14001	$244.25	13999	$244.25	14002	$349.00
Deuterium	3QDY/D2	37mm standard lamp, with Quartz envelope, deuterium gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	14337	$322.50	18126	$543.00	18125	On request		
Dysprosium	3BNX/Dy	37mm standard lamp, with borosilicate glass envelope, neon gas fill, and "X" shape. Octal base os 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32633	On request	14007	On request	14006	On request	31580	On request
Erbium	3BNX/Er	37mm standard lamp, with borosilicate glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32636	On request	14013	On request	14012	On request	31569	On request
Europium	3BAX/Eu	37mm standard lamp, with borosilicate glass envelope, argon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32639	On request	14018	On request	14017	On request	31568	On request
Gadolinium	3UNX/Gd	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14021	$439.25	14023	$320.25	14022	$244.25	31567	On request
Gallium	3UNX/Ga	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14026/32645	$364.00	14028	On request	14027	$349.00	14029	On request
Germanium	3UNX/Ge	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32648	On request	14034	$436.50	14033	$435.50	14035	On request
Gold	3UNX/Au	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	13955	$471.50	13957	$489.50	13956	$486.00	13958	$349.00

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Element(s)	Part No.	Description	SAP	Standard List	SAP	Data Coded (-U) List	SAP	Data coded (-V) List	SAP	Self-Reversal (-SH) List
Hafnium	3UAX/Hf	37mm diameter lamp, with UV glass envelope, argon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32652	On request	14043	On request	14042	On request	31566	On request
Holmium	3BNX/Ho	37mm standard lamp, with borosilicate glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32655	On request	14048	$349.00	14047	On request	31565	On request
Indium	3UNX/In	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14051/32658	$428.50	14053	$443.75	14052	$443.00	31564	On request
Iridium	3QNY/Ir	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	32661	$565.50	14058	$581.00	14057	$577.50	14059	On request
Iron	3UNX/Fe	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14062	$261.50	14065	$270.00	14064	$244.25	14066	$349.00
Lanthanum	3UAX/La	37mm diameter lamp, with UV glass envelope, argon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32667	$292.25	14082	On request	14081	On request	14083	On request
Lead	3QNY/Pb	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	14087	$255.50	14089	$244.25	14088	$275.00	14090	$349.00
Lithium	3BAX/Li	37mm standard lamp, with borosilicate glass envelope, argon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14093	$349.00	14095	$349.00	14094	$309.50	13909	On request
Lutetium	3UAX/Lu	37mm diameter lamp, with UV glass envelope, argon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32680	On request	14104	On request	14103	On request	31563	On request
Magnesium	3QNY/Mg	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	14106	$244.25	14108	$317.00	14107	$349.00	14109	$349.00
Manganese	3UNX/Mn	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14112	$355.25	14114	$287.50	14113	$284.00	14115	$349.00

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Element(s)	Part No.	Description	SAP	Standard List	SAP	Data Coded (-U) List	SAP	Data coded (-V) List	SAP	Self-Reversal (-SH) List
Mercury	3UNX/Hg	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14118	$336.00	14120	$354.00	14119	$375.75	18335	On request
Molybdenum	3UNX/Mo	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14123	$244.25	14124	$276.00	14125	$272.50	14126	$349.00
Neodymium	3BNX/Nd	37mm standard lamp, with borosilicate glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32897	$244.25	14131	On request	14130	On request	31562	On request
Nickel	3QNY/Ni	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	14134	$261.50	14136	$244.25	14135	$261.50	14137	$349.00
Niobium	3UAX/Nb	37mm diameter lamp, with UV glass envelope, argon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32901	$244.25	14142	On request	14141	On request	31561	On request
Osmium	3UNX/Os	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32904	On request	14148	$525.50	14147	On request	14149	On request
Palladium	3UNX/Pd	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14152	$381.25	14154	$429.00	14153	On request	14155	$349.00
Phosphorous	3QNY/P	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	14158	$417.75	14160	$435.75	14159	$438.00	18291	On request
Platinum	3UNX/Pt	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14165	$485.75	14167	$503.50	14166	$486.75	14168	$413.00
Potassium	3BNX/K	37mm standard lamp, with borosilicate glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14171	$244.25	14173	$244.25	14172	$244.25	14174	$349.00
Praseodymium	3BNX/Pr	37mm standard lamp, with borosilicate glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32951	$414.25	14179	On request	14178	On request	31560	On request

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Rhenium	3UAX/Re	37mm diameter lamp, with UV glass envelope, argon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14182	$647.50	14184	$668.75	14183	$349.00	14185	On request
Rhodium	3UAX/Rh	37mm diameter lamp, with UV glass envelope, argon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14188	$1,401.50	14190	$349.00	14189	$1,416.00	14191	On request
Rubidium	3BNX/Rb	37mm standard lamp, with borosilicate glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32959	$394.25	14196	$309.75	14195	$349.00	18108	On request
Ruthenium	3UNX/Ru	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14199	$353.00	14201	$371.00	14200	On request	31549	On request
Samarium	3UNX/Sm	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32973	On request	14206	On request	10205	On request	31548	On request
Scandium	3UNX/Sc	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	32976	On request	14211	On request	14210	On request	31547	On request
Selenium	3QNY/Se	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	14214	$283.00	14216	$291.00	14215	$333.25	14217	$349.00
Silicon	3QNY/Si	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	14220	$272.50	14222	$276.50	14221	$273.00	14223	$349.00
Silver	3UAX/Ag	37mm diameter lamp, with UV glass envelope, argon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14226	$304.75	14228	$322.75	14227	$319.25	14229	$349.00
Sodium	3UNX/Na	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14232	$265.00	14234	$458.75	14233	$280.00	14235	$349.00
Strontium	3BAX/Sr	37mm standard lamp, with borosilicate glass envelope, argon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14238	$273.00	14240	$493.25	14239	$349.00	14241	On request

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Element(s)	Part No.	Description	SAP	Standard List	SAP	Data Coded (-U) List	SAP	Data coded (-V) List	SAP	Self-Reversal (-SH) List
Tantalum	3UNX/Ta	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	33009	$349.75	14246	$337.75	14245	On request	31546	On request
Tellurium	3QNY/Te	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	14249	$310.75	14251	$545.25	14250	On request	14252	$829.50
Terbium	3BNX/Tb	37mm standard lamp, with borosilicate glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	33024	On request	14256	On request	14257	On request	31545	On request
Thallium	3UNX/Tl	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	18336	$340.00	18338	$358.00	18339	$360.00	18337	$360.00
Thorium	3UNX/Th	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14266	$1,120.00						
Thulium	3UNX/Tm	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	33030	On request	14271	On request	14270	On request	31544	$0.00
Tin	3QNY/Sn	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	14274	$310.75	14276	$507.50	14275	$325.25	14277	$657.75
Titanium	3UNX/Ti	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14280	$244.25	14282	$472.00	14281	$273.75	14283	On request
Tungsten	3UNX/W	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14286	$287.75	14288	$493.25	14287	On request	14289	On request
Uranium	3UAX/U	37mm diameter lamp, with UV glass envelope, argon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14079	$1,399.00	14301	$1,318.75	14300	On request		
Vanadium	3UNX/V	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14304	$334.50	14307	$521.50	14306	$303.00	14308	On request

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Ytterbium	3UNX/Yb	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	33017	On request	14313	On request	14312	On request	31543	On request
Yttrium	3BNX/Y	37mm standard lamp, with borosilicate glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	31016	$294.75	14322	On request	14321	On request	31541	On request
Zinc	3QNY/Zn	37mm standard lamp, with Quartz envelope, neon gas fill, and "Y" shape. Octal base is 43 mm with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long. Nose diameter is 27 mm and extends 35 mm from nose to lamp body.	14325	$244.25	14327	$244.25	14326	$261.50	14328	$349.00
Zirconium	3UNX/Zr	37mm diameter lamp, with UV glass envelope, neon gas fill, and "X" shape. Octal base is 43 mm diameter with 3 pins. Lamp is 151 mm from base to nose and pins are 14 mm long.	14331	$266.00	14332	$556.00	14331	On request	14334	On request

Notes:

37 mm standard lamps have 2 pns and a key on their bases
37 mm lamps data coded (-U) have 7 pins and a key on their bases
37 mm lamps data coded (-V) have 4 pins and a key on their bases
Self-reversal lamps have extra strong filaments
SAP numbers begin with 800…..

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50 mm Single Element Lamp Price List

Element(s)	Part No.	Description	SAP	Standard List	SAP	Data coded(-P) List	SAP	Aanalyst coded (-A) List
Aluminum	5UN/Al	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	13896	$301.50	13897	$566.50	14365	$426.00
Antimony	5QN/Sb	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	13922	$447.50	13923	$441.00	14366	$460.75
Arsenic	5QN/As	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	13928	$379.00	13929	$649.00	14367	$502.75
Barium	5BA/Ba	50mm diameter lamp, with borosilicate glass envelope and argon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	13934	$395.00	13935	$641.75	14381	$491.75
Beryllium	5QN/Be	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	13940/ 32613	$447.50	13941	On request	14382	$925.25
Bismuth	5QN/Bi	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	13946	$447.50	13947	$468.00	14383	$474.00
Boron	5UN/B	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	13962	$447.50	13963	$470.25	14387	$532.50
Cadmium	5QN/Cd	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	13968	$376.25	13969	$693.50	14390	$500.00
Caesium	5BN/Cs	50mm diameter lamp, with borosilicate glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	13974	$396.50	13975	$447.50		
Calcium	5UN/Ca	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	13980	$540.75	13981	$824.00	14402	$678.00
Cerium	5UN/Ce	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	13985	$447.50				
Chromium	5UN/Cr	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	13990	$333.25	13991	$448.00	14406	$454.00
Cobalt	5UN/Co	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	13996	$398.50	13997	$517.50	14413	$523.50
Copper	5UN/Cu	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14003	$310.00	14004	$575.50	14399	$434.50
Dysprosium	5BN/Dy	50mm diameter lamp, with borosilicate glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14008/3 2634	$447.50	14009	On request	14421	On request
Erbium	5BN/Er	50mm diameter lamp, with borosilicate glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14014/3 2637	$447.50	14051	On request	14416	On request
Europium	5BA/Eu	50mm diameter lamp, with borosilicate glass envelope and argon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	32640	On request	14020	On request	14422	On request
Gadolinium	5UN/Gd	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14024/3 2643	$447.50	14025	On request	14426	On request

Effective: 1/1/12

Scientific Cell Company

50 mm Single Element Lamp Price List

Element(s)	Part No.	Description	SAP	Standard List	SAP	Data coded(-P) List	SAP	Aanalyst coded (-A) List
Gallium	5UN/Ga	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14030/32646	$447.50	14031	$447.50	14460	On request
Germanium	5UN/Ge	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14036/32649	$447.50	14037	$647.00	14464	$632.75
Gold	5UN/Au	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	13959	$523.00	14040	$791.75	14447	$686.00
Hafnium	5UA/Hf	50mm diameter lamp, with UV glass envelope and argon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	32653	On request	18768	On request	18767	On request
Holmium	5BN/Ho	50mm diameter lamp, with borosilicate glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	32656	On request	14050	On request	14473	On request
Indium	5UN/In	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14054	$447.50	14055	$447.50	14476	On request
Iridium	5QN/Ir	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	32662	$669.25	14061	$915.75	14477	$763.50
Iron	5UN/Fe	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14067	$299.75	14068	$391.75	14481	$424.00
Lanthanum	5UA/La	50mm diameter lamp, with UV glass envelope and argon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	32668	On request	14086	On request	14488	On request
Lead	5QN/Pb	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14091	$323.75	14092	$590.00	14489	$448.25
Lithium	5BA/Li	50mm diameter lamp, with borosilicate glass envelope and argon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	32678	$447.50	14101	$447.50	14503	$395.25
Lutetium	5UA/Lu	50mm diameter lamp, with UV glass envelope and argon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	32681	On request				
Magnesium	5QN/Mg	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14110	$353.50	14111	$600.00	14506	$453.75
Manganese	5UN/Mn	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14116	$332.50	14117	$447.25	14510	$453.25
Mercury	5UN/Hg	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14121	$395.75	14122	$672.25	14513	$526.00
Molybdenum	5UN/Mo	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14127	$421.25	14128	$588.75	14517	$447.00
Neodymium	5BN/Nd	50mm diameter lamp, with borosilicate glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	32898	On request	14133	On request	14520	On request
Nickel	5QN/Ni	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14138	$349.00	14139	$447.50	14521	$449.25

Effective: 1/1/12

Scientific Cell Company

50 mm Single Element Lamp Price List

Element(s)	Part No.	Description	SAP	Standard List	SAP	Data coded(-P) List	SAP	Aanalyst coded (-A) List
Niobium	5UA/Nb	50mm diameter lamp, with UV glass envelope and argon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	32902	On request	14144	$444.75	14524	On request
Osmium	5UN/Os	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14150	$447.50	14151	On request		
Palladium	5UN/Pd	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14156	$492.50	14157	$739.00	14541	$592.75
Phosphorous	5QN/P	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14162	$529.75	14163	$447.50	14542	$662.25
Platinum	5UN/Pt	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14169	$468.75	14170	$447.50	14548	$624.00
Potassium	5BN/K	50mm diameter lamp, with borosilicate glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14175	$335.75	14176	$450.75	14552	$456.75
Praseodymium	5BN/Pr	50mm diameter lamp, with borosilicate glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	32952	On request	14181	On request	14555	On request
Rhenium	5UA/Re	50mm diameter lamp, with UV glass envelope and argon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	32955	On request	14187	$993.50	14559	On request
Rhodium	5UA/Rh	50mm diameter lamp, with UV glass envelope and argon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14192/31015	$1,454.25	14193	$447.50	14564	$1,578.50
Rubidium	5BN/Rb	50mm diameter lamp, with borosilicate glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14197	On request	14198	On request		
Ruthenium	5UN/Ru	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14202	$447.50	14203	$531.25	14570	$533.50
Samarium	5UN/Sm	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	32974	On request	14208	$447.50	14573	On request
Scandium	5UN/Sc	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	32977	On request	14213	On request	14576	$509.50
Selenium	5QN/Se	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14218	$399.25	14219	$679.00	14577	$533.00
Silicon	5QN/Si	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14224	$362.50	14225	$447.50	14578	$462.75
Silver	5UA/Ag	50mm diameter lamp, with UV glass envelope and argon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14581	On request	14231	$483.25	14583	$489.25
Sodium	5UN/Na	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14236	$332.00	14237	$766.25	14584	$452.75
Strontium	5BA/Sr	50mm diameter lamp, with borosilicate glass envelope and argon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14242	$378.75	14243	$936.00	14588	$475.75

Effective: 1/1/12

Scientific Cell Company

50 mm Single Element Lamp Price List

Element(s)	Part No.	Description	SAP	Standard List	SAP	Data coded(-P) List	SAP	Aanalyst coded (-A) List
Tantalum	5UN/Ta	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	31010	$447.50	14248	On request	14592	On request
Tellurium	5QN/Te	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14253	$850.50	14254	$1,126.75	14593	$521.00
Terbium	5BN/Tb	50mm diameter lamp, with borosilicate glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	33025	On request	14259	On request	14596	On request
Thallium	5UN/TI	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	18772	On request	18774	On request	18773	On request
Thorium	5UN/Th	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14267	$354.75				
Thulium	5UN/Tm	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	33032	On request	14273	On request	14603	On request
Tin	5QN/Sn	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14278	$415.25	14279	$878.25	14604	$515.50
Titanium	5UN/Ti	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14284	$447.50	14285	$590.00	14600	$448.00
Tungsten	5UN/W	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14077	On request	14078	On request	14609	$468.75
Uranium	5UA/U	50mm diameter lamp, with UV glass envelope and argon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14302	On request	14303	On request		
Vanadium	5UN/V	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14309	$373.00	14310	$470.50	14613	$477.75
Ytterbium	5UN/Yb	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	33018	On request	14315	On request		
Yttrium	5BN/Y	50mm diameter lamp, with borosilicate glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	33050	On request	14324	$700.00	14619	On request
Zinc	5QN/Zn	50mm diameter lamp, with quartz envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14329	$318.25	14330	$584.25	14620	$442.75
Zirconium	5UN/Zr	50mm diameter lamp, with UV glass envelope and neon gas fill. Has dedicated electrical connector for Perkin Elmer instruments.	14335	$721.75	14336	$592.00	14624	On request

Notes:

50 mm Standard lamp has 9 pins on its connector
50 mm Data Coded lamp has 12 pins on its connector
50 mm Aanalyst lamp has 4 pins built into it base
SAP numbers begin with 800…..

Effective: 1/1/12

Scientific Cell 2 Element Hollow Cathode Lamps

Element	Additional Elements	Lamp code	Version	SAP	List Price
Aluminium Al	Ca	3QNY/Al/Ca	37mm Standard	80014625	$412.25
	Ca	5QN/Al/Ca	50mm Standard	80014626	On Request
	Mg	3QNY/Al/Mg	37mm Standard	80014627	$401.75
	Mg	3QNY/Al/Mg-U	37mm Unicam Coded	80014628	On Request
	Mg	5QN/Al/Mg	50mm Standard	80014629	$701.25
	Si	3QNY/Al/Si	37mm Standard	80014630	$507.00
	Si	3QNY/Al/Si-U	37mm Unicam Coded	80014631	$416.25
	Si	5QN/Al/Si	50mm Standard	80014632	$556.50
	Ti	3QNY/Al/Ti	37mm Standard	80014660	On Request
	Ti	3QNY/Al/Ti-U	37mm Unicam Coded	80014661	On Request
	Ti	5QN/Al/Ti	50mm Standard	80014662	On Request
Barium Ba	Sr	3QNY/Ba/Sr	37mm Standard	80014663	$426.75
	Sr	3QNY/Ba/Sr-U	37mm Unicam Coded	80014664	On Request
	Sr	5QN/Ba/Sr	50mm Standard	80014665	On Request
Cadmium Cd	Zn	3QNY/Cd/Zn	37mm Standard	80014666	$485.00
	Zn	3QNY/Cd/Zn-U	37mm Unicam Coded	80014667	$513.75
	Zn	5QN/Cd/Zn	50mm Standard	80014668	On Request
Calcium Ca	Ba	3QNY/Ca/Ba	37mm Standard	80014669	On Request
	Ba	3QNY/Ca/Ba-U	37mm Unicam Coded	80014670	$544.75
	Ba	5QN/Ca/Ba	50mm Standard	80014671	On Request
	Mg	3QNY/Ca/Mg	37mm Standard	80014672	$409.25
	Mg	3QNY/Ca/Mg-U	37mm Unicam Coded	80014673	On Request
	Mg	3QNY/Ca/Mg-V	37mm Varian Coded	80018174	$432.50
	Mg	5QN/Ca/Mg	50mm Standard	80014674	$915.50
	Mg	5QN/Ca/Mg-P	50mm Perkin Elmer Coded	80014675	$1,059.50
	Mg	5QN/Ca/Mg-A	50mm PE Aanalyst	80018673	On Request
	Si	3QNY/Ca/Si	37mm Standard	80014676	On Request
	Si	3QNY/Ca/Si-U	37mm Unicam Coded	80014678	On Request
	Si	5QN/Ca/Si	50mm Standard	80014679	On Request
	Sr	3QNY/Ca/Sr	37mm Standard	80014680	$544.75
	Sr	3QNY/Ca/Sr-U	37mm Unicam Coded	80014681	On Request
	Sr	5QN/Ca/Sr	50mm Standard	80014682	On Request
	Zn	3QNY/Ca/Zn	37mm Standard	80014683	On Request
	Zn	3QNY/Ca/Zn-U	37mm Unicam Coded	80014684	On Request
	Zn	5QN/Ca/Zn	50mm Standard	80014685	On Request
	Zn	5QN/Ca/Zn-P	50mm Perkin Elmer Coded	80014686	$706.75
	Zn	5QN/Ca/Zn-A	50mm PE AAnalyst	80018674	On Request
Chromium Cr	Co	3QNY/Cr/Co	37mm Standard	80014688	On Request
	Co	5QN/Cr/Co	50mm Standard	80014689	$701.25
	Cu	3QNY/Cr/Cu	37mm Standard	80014710	$506.00
	Cu	3QNY/Cr/Cu-U	37mm Unicam Coded	80014711	$507.00
	Cu	5QN/Cr/Cu	50mm Standard	80014712	$701.25

Element	Additional Elements	Lamp code	Version	SAP	List Price
	Fe	3QNY/Cr/Fe	37mm Standard	80014713	On Request
	Fe	5QN/Cr/Fe	50mm Standard	80014714	On Request
	Mn	3QNY/Cr/Mn	37mm Standard	80014716	$408.00
	Mn	3QNY/Cr/Mn-U	37mm Unicam Coded	80014717	On Request
	Mn	5QN/Cr/Mn	50mm Standard	80014718	On Request
	Mo	3QNY/Cr/Mo	37mm Standard	80014719	$507.00
	Mo	3QNY/Cr/Mo-U	37mm Unicam Coded	80014720	On Request
	Mo	5QN/Cr/Mo	50mm Standard	80014721	On Request
	Ni	3QNY/Cr/Ni	37mm Standard	80014722	$505.25
	Ni	3QNY/Cr/Ni-U	37mm Unicam Coded	80014723	$438.00
	Ni	5QN/Cr/Ni	50mm Standard	80014724	On Request
Cobalt Co	Cu	3QNY/Co/Cu	37mm Standard	80014725	$414.75
	Cu	3QNY/Co/Cu-U	37mm Unicam Coded	80014726	On Request
	Cu	5QN/Co/Cu	50mm Standard	80014727	On Request
	Fe	3QNY/Co/Fe	37mm Standard	80014728	$508.25
	Fe	3QNY/Co/Fe-U	37mm Unicam Coded	80014729	On Request
	Fe	5QN/Co/Fe	50mm Standard	80014730	On Request
	Mn	3QNY/Co/Mn	37mm Standard	80014731	On Request
	Mn	3QNY/Co/Mn-U	37mm Unicam Coded	80014732	On Request
	Mn	5QN/Co/Mn	50mm Standard	80014733	On Request
	Mo	3QNY/Co/Mo	37mm Standard	80014734	$544.75
	Mo	3QNY/Co/Mo-U	37mm Unicam Coded	80014735	$452.50
	Mo	5QN/Co/Mo	50mm Standard	80014736	On Request
	Ni	3QNY/Co/Ni	37mm Standard	80014737	$473.50
	Ni	3QNY/Co/Ni-U	37mm Unicam Coded	80014738	$452.00
	Ni	5QN/Co/Ni	50mm Standard	80014739	On Request
Copper Cu	Fe	3QNY/Cu/Fe	37mm Standard	80014740	$420.00
	Fe	3QNY/Cu/Fe-U	37mm Unicam Coded	80014741	$507.00
	Fe	5QN/Cu/Fe	50mm Standard	80014742	$706.75
	Mn	3QNY/Cu/Mn	37mm Standard	80014743	$503.50
	Mn	3QNY/Cu/Mn-U	37mm Unicam Coded	80014744	On Request
	Mn	5QN/Cu/Mn	50mm Standard	80014745	On Request
	Mo	3QNY/Cu/Mo	37mm Standard	80014746	$409.00
	Mo	5QN/Cu/Mo	50mm Standard	80014747	On Request
	Ni	3QNY/Cu/Ni	37mm Standard	80014748	$393.00
	Ni	3QNY/Cu/Ni-U	37mm Unicam Coded	80014749	$544.75
	Ni	5QN/Cu/Ni	50mm Standard	80014750	On Request
	Zn	3QNY/Cu/Zn	37mm Standard	80014751	$356.00
	Zn	3QNY/Cu/Zn-V	37mm Varian Coded	80014752	$507.00
	Zn	3QNY/Cu/Zn-U	37mm Unicam Coded	80014753	$507.00
	Zn	5QN/Cu/Zn	50mm Standard	80014754	$490.50
Gold Au	Cu	3QNY/Au/Cu	37mm Standard	80014755	On Request
	Cu	3QNY/Au/Cu-U	37mm Unicam Coded	80014756	On Request

Element	Additional Elements	Lamp code	Version	SAP	List Price
	Cu	5QN/Au/Cu	50mm Standard	80014757	On Request
	Ni	3QNY/Au/Ni	37mm Standard	80014758	$544.75
	Ni	3QNY/Au/Ni-U	37mm Unicam Coded	80014759	On Request
	Ni	5QN/Au/Ni	50mm Standard	80014760	On Request
	Pt	3QNY/Au/Pt	37mm Standard	80014761	On Request
	Pt	3QNY/Au/Pt-U	37mm Unicam Coded	80014762	On Request
	Pt	5QN/Au/Pt	50mm Standard	80014763	On Request
	Ag	3QNY/Au/Ag	37mm Standard	80014810	$544.75
	Ag	3QNY/Au/Ag-U	37mm Unicam Coded	80014811	$769.75
	Ag	5QN/Au/Ag	50mm Standard	80014812	On Request
	Ag	5QN/Au/Ag-P	50mm Perkin Elmer Coded	80014813	$701.25
	Ag	5QN/Au/Ag-A	50mm PE AAnalyst	80018659	$1,065.75
Iron Fe	Mn	3QNY/Fe/Mn	37mm Standard	80014814	$469.00
	Mn	3QNY/Fe/Mn-U	37mm Unicam Coded	80014815	$452.00
	Mn	5QN/Fe/Mn	50mm Standard	80014816	On Request
	Mo	3QNY/Fe/Mo	37mm Standard	80014817	$544.75
	Mo	5QN/Fe/Mo	50mm Standard	80014818	On Request
	Ni	3QNY/Fe/Ni	37mm Standard	80014819	$418.25
	Ni	3QNY/Fe/Ni-U	37mm Unicam Coded	80014820	$516.50
	Ni	5QN/Fe/Ni	50mm Standard	80014821	On Request
	Zn	3QNY/Fe/Zn	37mm Standard	80014822	$507.00
	Zn	3QNY/Fe/Zn-U	37mm Unicam Coded	80014823	$544.75
	Zn	5QN/Fe/Zn	50mm Standard	80014824	On Request
Magnesium Mg	Si	3QNY/Mg/Si	37mm Standard	80014825	$544.75
	Si	3QNY/Mg/Si-U	37mm Unicam Coded	80014826	On Request
	Si	5QN/Mg/Si	50mm Standard	80014827	On Request
	Zn	3QNY/Mg/Zn	37mm Standard	80018278	On Request
	Zn	5QN/Mg/Zn	50mm Standard	80018758	On Request
Manganese Mn	Mo	3QNY/Mn/Mo	37mm Standard	80014828	On Request
	Mo	5QN/Mn/Mo	50mm Standard	80014829	On Request
	Ni	3QNY/Mn/Ni	37mm Standard	80014840	$407.75
	Ni	3QNY/Mn/Ni-U	37mm Unicam Coded	80014841	On Request
	Ni	5QN/Mn/Ni	50mm Standard	80014842	On Request
	Zn	3QNY/Mn/Zn	37mm Standard	80014844	$367.50
	Zn	3QNY/Mn/Zn-U	37mm Unicam Coded	80014847	On Request
	Zn	5QN/Mn/Zn	50mm Standard	80014848	On Request
Platinum Pt	Ag	3QNY/Pt/Ag	37mm Standard	80014849	$349.00
	Ag	3QNY/Pt/Ag-U	37mm Unicam Coded	80014850	On Request
	Ag	5QN/Pt/Ag	50mm Standard	80014851	On Request
Silicon Si	Ti	3QNY/Si/Ti	37mm Standard	80014852	$544.75
	Ti	3QNY/Si/Ti-U	37mm Unicam Coded	80014853	On Request
	Ti	5QN/Si/Ti	50mm Standard	80014854	On Request

Element	Additional Elements	Lamp code	Version	SAP	List Price
Silver Ag	Cr	3QNY/Ag/Cr	37mm Standard	80014855	On Request
	Cr	3QNY/Ag/Cr-U	37mm Unicam Coded	80014856	$544.75
	Cr	5QN/Ag/Cr	50mm Standard	80014857	On Request
	Cu	3QNY/Ag/Cu	37mm Standard	80014858	On Request
	Cu	3QNY/Ag/Cu-U	37mm Unicam Coded	80014859	$574.75
	Cu	5QN/Ag/Cu	50mm Standard	80014860	On Request
Sodium Na	K	3UNX/Na/K	37mm Standard	80014861	$419.00
	K	3UNX/Na/K-U	37mm Unicam Coded	80014862	$516.50
	K	3UNX/Na/K-V	37mm Varian Coded	80014863	$434.00
	K	5UN/Na/K	50mm Standard	80014864	$582.00
	K	5UN/Na/K-P	50mm Perkin Elmer Coded	80014865	$701.25
	K	5UN/Na/K-A	50mm PE AAnalyst	80018771	$801.75

Scientific Cell 3 Element Hollow Cathode Lamps

Aluminium Al	Ca+Mg	3QNY/Al/Ca/Mg	37mm Standard	80014866	$404.75
	Ca+Mg	5QN/Al/Ca/Mg	50mm Standard	80014867	$557.75
	Ca+Mg	5QN/Al/Ca/Mg-P	50mm PE Coded	80014868	$1,012.00
	Ca+Mg	5QN/Al/Ca/Mg-A	50mm PE Aanalyst	80018650	$777.50
	Si+Ti	3QNY/Al/Si/Ti	37mm Standard	80014869	$482.75
	Si+Ti	3QNY/Al/Si/Ti-U	37mm Unicam Coded	80014870	On Request
	Si+Ti	5QN/Al/Si/Ti	50mm Standard	80014871	$652.25
Antimony Sb	As+Bi	3QNY/Sb/As/Bi	37mm Standard	80014872	$545.50
	As+Bi	5QN/Sb/As/Bi	50mm Standard	80014875	On Request
Arsenic As	Se+Te	3QNY/As/Se/Te	37mm Standard	80014874	$549.00
	Se+Te	5QN/As/Se/Te	50mm Standard	80014875	On Request
Calcium Ca	Ba+Sr	3QNY/Ca/Ba/Sr	37mm Standard	80014876	$544.75
	Ba+Sr	3QNY/Ca/Ba/Sr-U	37mm Unicam Coded	80014877	$544.75
	Ba+Sr	5QN/Ca/Ba/Sr	50mm Standard	80014878	On Request
	Mg+Si	3QNY/Ca/Mg/Si	37mm Standard	80014879	On Request
	Mg+Si	3QNY/Ca/Mg/Si-U	37mm Unicam Coded	80014880	$299.50
	Mg+Si	5QN/Ca/Mg/Si	50mm Standard	80014881	On Request
	Mg+Zn	3QNY/Ca/Mg/Zn	37mm Standard	80014882	$416.25
	Mg+Zn	5QN/Ca/Mg/Zn	50mm Standard	80014884	$706.75
	Mg+Zn	5QN/Ca/Mg/Zn-P	50mm Perkin Elmer Coded	80014885	$701.25
	Mg+Zn	5QN/Ca/Mg/Zn-A	50mm PE AAnalyst Coded	80018671	$777.50
Chromium Cr	Cu+Co	3QNY/Cr/Co/Cu	37mm Standard	80018205	On Request
	Cu+Co	5QN/Cr/Co/Cu	50mm Standard	80018698	On Request
	Co+Fe	3QNY/Cr/Co/Fe	37mm Standard	80018216	$473.75
	Co+Fe	5QN/Cr/Co/Fe	50mm Standard	80018711	On Request
	Co+Mn	3QNY/Cr/Co/Mn	37mm Standard	80018220	On Request
	Co+Mn	5QN/Cr/Co/Mn	50mm Standard	80018715	On Request
	Co+Ni	3QNY/Cr/Co/Ni	37mm Standard	80018223	$474.25
	Co+Ni	5QN/Cr/Co/Ni	50mm Standard	80018717	On Request
	Cu+Fe	3QNY/Cr/Cu/Fe	37mm Standard	80018224	On Request
	Cu+Fe	5QN/Cr/Cu/Fe	50mm Standard	80018718	On Request
	Cu+Mn	3QNY/Cr/Cu/Mn	37mm Standard	80018229	$544.75
	Cu+Mn	3QNY/Cr/Cu/Mn-U	37mm Unicam Coded	NONE	On Request

Multi-element lamps

Element	Additional Elements	Lamp code	Version	SAP	List Price
	Cu+Mn	5QN/Cr/Cu/Mn	50mm Standard	80018725	On Request
	Cu+Ni	3QNY/Cr/Cu/Ni	37mm Standard	80018233	$423.50
	Cu+Ni	3QNY/Cr/Cu/Ni-U	37mm Unicam Coded	80018235	$438.00
	Cu+Ni	5QN/Cr/Cu/Ni	50mm Standard	80018728	$701.00
Chromium	Fe+Mn	3QNY/Cr/Fe/Mn	37mm Standard	80018236	$506.25
Cr	Fe+Mn	5QN/Cr/Fe/Mn	50mm Standard	80018732	On Request
	Fe+Ni	3QNY/Cr/Fe/Ni	37mm Standard	80018239	$413.00
	Fe+Ni	5QN/Cr/Fe/Ni	50mm Standard	80018735	$0.00
	Mn+Ni	3QNY/Cr/Mn/Ni	37mm Standard	80018241	$408.00
	Mn+Ni	3QNY/Cr/Mn/Ni-U	37mm Unicam Coded	80018242	$507.00
	Mn+Ni	5QN/Cr/Mn/Ni	50mm Standard	80018737	On Request
Cobalt	Cu+Fe	3QNY/Co/Cu/Fe	37mm Standard	80018177	$472.50
Co	Cu+Fe	3QNY/Co/Cu/Fe-U	37mm Unicam Coded	80018184	On Request
	Cu+Fe	5QN/Co/Cu/Fe	50mm Standard	80018677	On Request
	Cu+Mn	3QNY/Co/Cu/Mn	37mm Standard	80018185	On Request
	Cu+Mn	5QN/Co/Cu/Mn	50mm Standard	80018685	On Request
	Mn+Ni	3QNY/Co/Mn/Ni	37mm Standard	80018199	$507.75
	Mn+Ni	3QNY/Co/Mn/Ni-U	37mm Unicam Coded	80018200	On Request
	Mn+Ni	5QN/Co/Mn/Ni	50mm Standard	80018696	On Request
Copper	Fe+Mn	3QNY/Cu/Fe/Mn	37mm Standard	80018245	$407.00
Cu	Fe+Mn	5QN/Cu/Fe/Mn	50mm Standard	80018738	On Request
	Fe+Mo	3QNY/Cu/Fe/Mo	37mm Standard	80018251	On Request
	Fe+Mo	5QN/Cu/Fe/Mn	50mm Standard	80018738	On Request
	Fe+Ni	3QNY/Cu/Fe/Ni	37mm Standard	80018252	$410.75
	Fe+Ni	5QN/Cu/Fe/Ni	50mm Standard	80018745	$573.50
	Fe+Zn	3QNY/Cu/Fe/Zn	37mm Standard	80018254	$507.00
	Fe+Zn	3QNY/Cu/Fe/Zn-U	37mm Unicam Coded	80018256	On Request
	Fe+Zn	5QN/Cu/Fe/Zn	50mm Standard	80018749	On Request
	Mn+Ni	3QNY/Cu/Mn/Ni	37mm Standard	80018258	On Request
	Mn+Ni	3QNY/Cu/Mn/Ni-U	37mm Unicam Coded	80018259	On Request
	Mn+Ni	5QN/Cu/Mn/Ni	50mm Standard	80018751	On Request
	Mn+Zn	3QNY/Cu/Mn/Zn	37mm Standard	80018260	$401.50
	Mn+Zn	3QNY/Cu/Mn/Zn-U	37mm Unicam Coded	80018261	$544.75
	Mn+Zn	5QN/Cu/Mn/Zn	50mm Standard	80018752	On Request
Gold	Cu+Ni	3QNY/Au/Cu/Ni	37mm Standard	80018152	$533.00
Au	Cu+Ni	3QNY/Au/Cu/Ni-U	37mm Unicam Coded	80018153	On Request
	Cu+Ni	5QN/Au/Cu/Ni	50mm Standard	80018660	On Request
	Pt+Ag	3QNY/Au/Pt/Ag	37mm Standard	80018155	$976.25
	Pt+Ag	3QNY/Au/Pt/Ag-U	37mm Unicam Coded	80018156	On Request
	Pt+Ag	5QN/Au/Pt/Ag	50mm Standard	80018661	On Request
Iron	Mn+Ni	3QNY/Fe/Mn/Ni	37mm Standard	80018237	On Request
Fe	Mn+Ni	3QNY/Fe/Mn/Ni-U	37mm Unicam Coded	80018267	$544.75
	Mn+Ni	5QN/Fe/Mn/Ni	50mm Standard	80018733	On Request
	Mn+Zn	3QNY/Fe/Mn/Zn	37mm Standard	80018268	$383.75
	Mn+Zn	3QNY/Fe/Mn/Zn-U	37mm Unicam Coded	80018269	On Request
	Mn+Zn	5QN/Fe/Mn/Zn	50mm Standard	80018756	On Request
Molybdenum	Cr+Co	3QNY/Mo/Cr/Co	37mm Standard	80018222	On Request
Mo	Cr+Co	5QN/Mo/Cr/Co	50mm Standard	80018676	On Request

Effective: 1/1/12

Element	Additional Elements	Lamp code	Version	SAP	List Price
	Cr+Cu	3QNY/Mo/Cr/Cu	37mm Standard	80018232	On Request
	Cr+Cu	5QN/Mo/Cr/Cu	50mm Standard	80018727	On Request
	Cr+Fe	3QNY/Mo/Cr/Fe	37mm Standard	80018238	On Request
	Cr+Fe	5QN/Mo/Cr/Fe	50mm Standard	80018734	On Request
	Cr+Mn	3QNY/Mo/Cr/Mn	37mm Standard	80018240	$508.50
	Cr+Mn	5QN/Mo/Cr/Mn	50mm Standard	80018736	On Request
	Co+Cu	3QNY/Mo/Co/Cu	37mm Standard	80018189	On Request
	Co+Cu	5QN/Mo/Co/Cu	50mm Standard	80018688	On Request
	Co+Mn	3QNY/Mo/Co/Mn	37mm Standard	80018198	On Request
	Co+Mn	5QN/Mo/Co/Mn	50mm Standard	80018695	On Request
	Co+Fe	3QNY/Mo/Co/Fe	37mm Standard	80018191	On Request
	Co+Fe	5QN/Mo/Co/Fe	50mm Standard	80018693	$581.00
	Cu+Mn	3QNY/Mo/Cu/Mn	37mm Standard	80018257	$336.00
	Cu+Mn	5QN/Mo/Cu/Mn	50mm Standard	80018750	On Request
	Fe+Mn	3QNY/Mo/Fe/Mn	37mm Standard	80018265	On Request
	Fe+Mn	5QN/Mo/Fe/Mn	50mm Standard	80018754	On Request
Silver Ag	Cr+Cu	3QNY/Ag/Cr/Cu	37mm Standard	80018128	On Request
	Cr+Cu	3QNY/Ag/Cr/Cu-U	37mm Unicam Coded	80018129	$544.75
	Cr+Cu	5QN/Ag/Cr/Cu	50mm Standard	80018642	On Request
	Cu+Ni	3QNY/Ag/Cu/Ni	37mm Standard	80018130	$721.00
	Cu+Ni	5QN/Ag/Cu/Ni	50mm Standard	80018643	On Request

Scientific Cell 4 Element Hollow Cathode Lamps

Aluminium Al	Ca+Fe+Mg	3QNY/Al/Ca/Fe/Mg	37mm Standard	80018135	On Request
		5QN/Al/Ca/Fe/Mg	50mm Standard	80018647	$701.25
	Ca+Li+Mg	3QNY/Al/Ca/Li/Mg	37mm Standard	80018136	$493.75
		5QN/Al/Ca/Li/Mg	50mm Standard	80018648	$790.00
	Ca+Fe+Ti	5QN/Al/Cu/Fe/Ti	50mm Standard	80018653	On Request
Barium Ba	Ca+Mg+Sr	3QNY/Ba/Ca/Mg/Sr	37mm Standard	80018161	$407.00
		5QN/Ba/Ca/Mg/Sr	50mm Standard	80018664	On Request
Chromium Cr	Co+Cu+Fe	3QNY/Cr/Co/Cu/Fe	37mm Standard	80018206	On Request
		5QN/Cr/Co/Cu/Fe	50mm Standard	80018699	On Request
	Co+Cu+Mn	3QNY/Cr/Co/Cu/Mn	37mm Standard	80018213	On Request
		5QN/Cr/Co/Cu/Mn	50mm Standard	80018706	On Request
	Co+Cu+Ni	3QNY/Cr/Co/Cu/Ni	37mm Standard	80018215	$512.00
		5QN/Cr/Co/Cu/Ni	50mm Standard	80018717	On Request
	Co+Fe+Mn	3QNY/Cr/Co/Fe/Mn	37mm Standard	80018217	On Request
		5QN/Cr/Co/Fe/Mn	50mm Standard	80018712	On Request
	Co+Fe+Ni	3QNY/Cr/Co/Fe/Ni	37mm Standard	80018219	$507.00
		5QN/Cr/Co/Fe/Ni	50mm Standard	80018714	On Request
	Co+Mn+Ni	3QNY/Cr/Co/Mn/Ni	37mm Standard	80018221	$325.75
		5QN/Cr/Co/Mn/Ni	50mm Standard	80018716	$701.25
	Cu+Fe+Mn	3QNY/Cr/Cu/Fe/Mn	37mm Standard	80018225	On Request
		5QN/Cr/Cu/Fe/Mn	50mm Standard	80018719	On Request
	Cu+Fe+Ni	3QNY/Cr/Cu/Fe/Ni	37mm Standard	80018227	$469.75
		5QN/Cr/Cu/Fe/Ni	50mm Standard	80018721	On Request
	Cu+Mn+Ni	3QNY/Cr/Cu/Mn/Ni	37mm Standard	80018230	$470.00
		3QNY/Cr/Cu/Mn/Ni-U	37mm Unicam Coded	80018231	$423.50
		5QN/Cr/Cu/Mn/Ni	50mm Standard	80018726	On Request
	Cu+Ni+Ag	3QNY/Cr/Cu/Ni/Ag	37mm Standard	80018234	$635.00

Element	Additional Elements	Lamp code	Version	SAP	List Price
		5QN/Cr/Cu/Ni/Ag	50mm Standard	80018729	$706.75
		5QN/Cr/Cu/Ni/Ag-P	50mm PE Coded	80018731	$1,029.75
		5QN/Cr/Cu/Ni/Ag-A	50mm PE-Aanalyst	80018732	On Request
	Fe+Mn+Ni	3QNY/Cr/Fe/Mn/Ni	37mm Standard	80018237	On Request
		5QN/Cr/Fe/Mn/Ni	50mm Standard	80018733	On Request
Cobalt Co	Cu+Fe+Mn	3QNY/Co/Cu/Fe/Mn	37mm Standard	80018178	$495.00
		3QNY/Co/Cu/Fe/Mn-U	37mm Unicam Coded	80018181	$452.00
		5QN/Co/Cu/Fe/Mn	50mm Standard	80018678	On Request
	Cu+Fe+Ni	3QNY/Co/Cu/Fe/Ni	37mm Standard	80018183	On Request
		5QN/Co/Cu/Fe/Ni	50mm Standard	80018684	$701.25
	Cu+Mn+Ni	3QNY/Co/Cu/Mn/Ni	37mm Standard	80018187	$481.75
		3QNY/Co/Cu/Mn/Ni-U	37mm Unicam Coded	80018188	On Request
		5QN/Co/Cu/Mn/Ni	50mm Standard	80018687	On Request
	Fe+Mn+Ni	3QNY/Co/Fe/Mn/Ni	37mm Standard	80018193	$413.00
		3QNY/Co/Fe/Mn/Ni-U	37mm Unicam Coded	80018194	$507.00
		5QN/Co/Fe/Mn/Ni	50mm Standard	80018692	On Request
Copper Cu	Fe+Mn+Ni	3QNY/Cu/Fe/Mn/Ni	37mm Standard	80018247	$504.00
		3QNY/Cu/Fe/Mn/Ni-U	37mm Unicam Coded	80018248	$404.75
		5QN/Cu/Fe/Mn/Ni	50mm Standard	80018740	On Request
	Fe+Mn+Zn	3QNY/Cu/Fe/Mn/Zn	37mm Standard	80018249	$404.75
		3QNY/Cu/Fe/Mn/Zn-U	37mm Unicam Coded	80018250	$430.25
	Fe+Mn+Zn	5QN/Cu/Fe/Mn/Zn	50mm Standard	80018741	$574.75
		5QN/Cu/Fe/Mn/Zn-P	50mm Standard	80018743	$1,029.25
		5QN/Cu/Fe/Mn/Zn-A	50mm Standard	80018742	$794.75
	Fe+Ni+Ag	3QNY/Cu/Fe/Ni/Ag	37mm Standard	80018253	On Request
		5QN/Cu/Fe/Ni/Ag	50mm Standard	80018746	On Request
Molybdenum Mo	Co+Cu+Fe	3QNY/Mo/Co/Cu/Fe	37mm Standard	80018182	On Request
		5QN/Mo/Co/Cu/Fe	50mm Standard	80018683	On Request
	Co+Cu+Mn	3QNY/Mo/Co/Cu/Mn	37mm Standard	80018186	On Request
		5QN/Mo/Co/Cu/Mn	50mm Standard	80018686	On Request
	Co+Fe+Mn	3QNY/Mo/Co/Fe/Mn	37mm Standard	80018192	On Request
		5QN/Mo/Co/Fe/Mn	50mm Standard	80018691	On Request
	Cu+Fe+Mn	3QNY/Mo/Cu/Fe/Mn	37mm Standard	80018246	On Request
		5QN/Mo/Cu/Fe/Mn	50mm Standard	80018739	On Request

Scientific Cell 5 Element Hollow Cathode Lamps

Chromium Cr	Co+Cu+Fe+Mn	3QNY/Cr/Co/Cu/Fe/Mn	37mm Standard	80018207	On Request
		5QN/Cr/Co/Cu/Fe/Mn	50mm Standard	80018700	$701.25
	Co+Cu+Fe+Ni	3QNY/Cr/Co/Cu/Fe/Ni	37mm Standard	80018212	$480.50
		5QN/Cr/Co/Cu/Fe/Ni	50mm Standard	80018705	On Request
	Co+Cu+Mn+Ni	3QNY/Cr/Co/Cu/Mn/Ni	37mm Standard	80018214	$481.25
		5QN/Cr/Co/Cu/Mn/Ni	50mm Standard	80018707	On Request
		5QN/Cr/Co/Cu/Mn/Ni-P	50mm PE Coded	80018709	On Request
		5QN/Cr/Co/Cu/Mn/Ni-A	50mm PE-AAnalyst	80018708	On Request
	Co+Fe+Mn+Ni	3QNY/Cr/Co/Fe/Mn/Ni	37mm Standard	80018218	On Request
		5QN/Cr/Co/Fe/Mn/Ni	50mm Standard	80018713	On Request
	Cu+Fe+Mn+Ni	3QNY/Cr/Cu/Fe/Mn/Ni	37mm Standard	80018226	On Request
		5QN/Cr/Cu/Fe/Mn/Ni	50mm Standard	80018720	$701.25
	Cu+Fe+Ni+Ag	3QNY/Cr/Cu/Fe/Ni/Ag	37mm Standard	80018228	$425.75

Element	Additional Elements	Lamp code	Version	SAP	List Price
		5QN/Cr/Cu/Fe/Ni/Ag	50mm Standard	80018722	$706.75
		5QN/Cr/Cu/Fe/Ni/Ag-P	50mm PE Coded	80018724	On Request
		5QN/Cr/Cu/Fe/Ni/Ag-A	50mm PE-Aanalyst	80018723	$859.50
Cobalt Co	Cu+Fe+Mn+Mo	3QNY/Co/Cu/Fe/Mn/Mo	37mm Standard	80018179	On Request
		5QN/Co/Cu/Fe/Mn/Mo	50mm Standard	80018679	On Request
		5QN/Co/Cu/Fe/Mn/Mo-P	50mm PE Coded	80018681	On Request
		5QN/Co/Cu/Fe/Mn/Mo/-A	50mm PE-Aanalyst	80018680	$706.75
	Cu+Fe+Mn+Ni	3QNY/Co/Cu/Fe/Mn/Ni	37mm Standard	80018180	On Request
		5QN/Co/Cu/Fe/Mn/Ni	50mm Standard	80018682	On Request

Scientific Cell 6 Element Hollow Cathode Lamps

Chromium Cr	Co+Cu+Fe+Mn+Mo	3QNY/Cr/Co/Cu/Fe/Mn/Mo	37mm Standard	80018208	$404.50
		5QN/Cr/Co/Cu/Fe/Mn/Mo	50mm Standard	80018701	On Request
	Co+Cu+Fe+Mn+Ni	3QNY/Cr/Co/Cu/Fe/Mn/Ni	37mm Standard	80018209	$418.25
		3QNY/Cr/Co/Cu/Fe/Mn/Ni-V	37mm Varian Coded	80018211	$411.50
		5QN/Cr/Co/Cu/Fe/Mn/Ni	50mm Standard	80018702	$664.75
		5QN/Cr/Co/Cu/Fe/Mn/Ni-P	50mm PE Coded	80018704	$1,025.75
		5QN/Cr/Co/Cu/Fe/Mn/Ni-A	50mm PE-AAnalyst	80018703	$793.25

Scientific Cell 7 Element Hollow Cathode Lamps

Aluminium Al	Ca+Cu+Fe+Mg+Si+Zn	3QNY/Al/Ca/Cu/Fe/Mg/Si/Zn	37mm Standard	80018133	$438.00
		5QN/Al/Ca/Cu/Fe/Mg/Si/Zn	50mm Standard	80018644	$706.75
		5QN/Al/Ca/Cu/Fe/Mg/Si/Zn-P	50mm PE Coded	80018646	$790.75
		5QN/Al/Ca/Cu/Fe/Mg/Si/Zn-A	50mm PE Aanalyst	80018645	$772.00