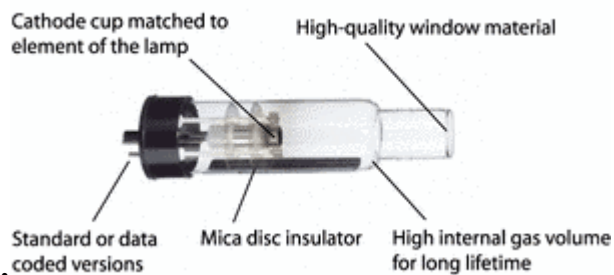


# 空心阴极灯



空心阴极灯是原子吸收光谱仪中的核心元件。贺利氏公司的空心阴极灯汇聚了工业领域的先锋—Cathodeon 和 IST 的光谱技术。贺利氏空心阴极灯包括多达 70 个单一元素灯和超过 120 多个复合元素灯，直径尺寸有 1 ½” (37 mm) 和 2” (50 mm)两种，可以符合所有分析仪器。我们不仅提供标准灯型，也提供带有 OEM 代码的灯型。

贺利氏空心阴极灯拥有一个独特的阴极杯系统，它使灯管更快地达到平衡。同时，由于灯管的使用寿命在原子吸收光谱仪中至关重要，因此和其它设计不同，贺利氏空心阴极灯更多地扩充了其内部气体容量，使其每一支空心阴极灯管都能达到最低 5000 mhr (毫安小时)的使用寿命，即使是砷和汞的元素灯。



贺利氏空心阴极灯的特点:

部分标准灯的技术参数:

Element	Model 37mm	Model 50mm	Gas	Window	Wavelength Principal (nm)
Aluminium	3UNX/Al	5UN/Al	Ne	UV glass	303.9
Antimony	3QNY/Sb	5QN/Sb	Ne	Quartz	217.6
Arsenic	3QNY/As	5QN/As	Ne	Quartz	193.7
Barium	3BAX/Ba	5BA/Ba	Ar	Borosilicate	553.5

Beryllium	3QNY/Be	5QN/Be	Ne	Quartz	234.9
Bismut	3QNY/Bi	5QN/Bi	Ne	Quartz	223.1
Boron	3UNX/B	5UN/B	Ne	UV glass	249.8
Cadmium	3QNY/Cd	5QN/Cd	Ne	Quartz	228.8
Caesium	3BNX/Cs	5BN/Cs	Ne	Borosilicate	852.1
Calcium	3UNX/Ca	5UN/Ca	Ne	UV glass	422.7
Cerium	3UNX/Ce	5UN/Ce	Ne	UV glass	520.0
Chromium	3UNX/Cr	5UN/Cr	Ne	UV glass	357.9
Cobalt	3UNX/Co	5UN/Co	Ne	UV glass	240.7
Copper	3UNX/Cu	5UN/Cu	Ne	UV glass	324.8
Dyprosium	3BNX/Dy	5BN/Dy	Ne	Borosilicate	421.2
Erbium	3BNX/Er	5BN/Er	Ne	Borosilicate	400.8
Europium	3BAX/Eu	5BA/Eu	Ar	Borosilicate	459.4
Gadolinium	3UNX/Gd	5UN/Gd	Ne	UV glass	368.4
Gallium	3UNX/Ga	5UN/Ga	Ne	UV glass	287.4
Germanium	3UNX/Ge	5UN/Ge	Ne	UV glass	265.2
Gold	3UNX/Au	5UN/Au	Ne	UV glass	242.8
Hafnium	3UAX/Hf	5UN/Hf	Ar	UV glass	307.3
Holmium	3BNX/Ho	5BN/Ho	Ne	Borosilicate	410,4
Indium	3UNX/In	5UN/In	Ne	UV glass	303.9
Iridium	3QNY/Ir	5QN/Ir	Ne	Quartz	208.9
Iron	3UNX/Fe	5UN/Fe	Ne	UV glass	248.3
Lanthanum	3UAX/La	5UA/La	Ar	UV glass	550.1
Lead	3QNY/Pb	5QN/Pb	Ne	Quartz	217.0
Lithium	3BAX/Li	5BA/Li	Ar	Borosilicate	670.8
Lutetium	3UAX/Lu	5UA/Lu	Ar	UV glass	336.0
Magnesium	3QNY/Mg	5QN/Mg	Ne	Quartz	285.2
Manganese	3UNX/Mn	5UN/Mn	Ne	UV glass	279.5
Mercury	3UNX/Hg	5UN/Hg	Ne	UV glass	253.6
Molybdenum	3UNX/Mo	5UN/Mo	Ne	UV glass	313.3
Neodymium	3BNX/Nd	5BN/Nd	Ne	Borosilicate	492.5

Nickel	3QNY/Ni	5QN/Ni	Ne	Quartz	232.0
Niobium	3UAX/Nb	5UA/Nb	Ar	UV glass	334.4
Osmium	3UNX/Os	5UN/Os	Ne	UV glass	290.9
Palladium	3UNX/Pd	5UN/Pd	Ne	UV glass	247.6
Phosphorous	3QNY/P	5QN/P	Ne	Quartz	213.6
Platinum	3UNX/Pt	n/a	Ne	UV glass	265.9
Potassium	3BNX/K	5BN/K	Ne	Borosilicate	766.5
Praseodymium	3BNX/Pr	5BN/Pr	Ne	Borosilicate	495.1
Rhenium	3UAX/Re	5UA/Re	Ar	UV glass	346.1
Rhodium	3UAX/Rh	5UA/Rh	Ar	UV glass	343.5
Rubidium	3BNX/Rb	5BN/Rb	Ne	Borosilicate	780.0
Ruthenium	3UNX/Ru	5UN/Ru	Ne	UV glass	349.9
Samarium	3UNX/Sm	5UN/Sm	Ne	UV glass	429.7
Scandium	3UNX/Sc	5UN/Sc	Ne	UV glass	391.2
Selen	3QNY/Se	5QN/Se	Ne	Quartz	196.0
Silicon	3QNY/Si	5QN/Si	Ne	Quartz	251.6
Silver	3UAX/Ag	5UA/Ag	Ar	UV glass	328.1
Sodium	3UNX/Na	5UN/Na	Ne	UV glass	589.0
Strontium	3BAX/Sr	5BA/Sr	Ar	Borosilicate	460.7
Tantalum	3UNX/Ta	5UN/Ta	Ne	UV glass	271.5
Tellurium	3QNY/Te	5QN/Te	Ne	Quartz	214.3
Terbium	3BNX/Tb	5BN/Tb	Ne	Borosilicate	432.7
Thallium	3UNX/Tl	5UN/Tl	Ne	UV glass	276.8
Thorium	3UNX/Th	5UN/Th	Ne	UV glass	371.9
Thulium	3UNX/Tm	5UN/Tm	Ne	UV glass	371.8
Tin	3QNY/Sn	5QN/Sn	Ne	Quartz	224.6
Titanium	3UNX/Ti	5UN/Ti	Ne	UV glass	365.4
Tungsten	3UNX/W	5UN/W	Ne	UV glass	255.1
Uranium	3UAX/U	5UA/U	Ar	UV glass	358.5
Vanadium	3UNX/V	5UN/V	Ne	UV glass	318.5
Ytterbium	3UNX/Yb	5UN/Yb	Ne	UV glass	398.8

Yttrium	3BNX/Y	5UN/Yb	Ne	UV glass	410.2
Zinc	3QNY/Zn	5QN/Zn	Ne	Quartz	213.9
Zirconium	3UNX/Zr	5UN/Zr	Ne	UV glass	360.1