

# Hollow Cathode Lamps *Your Light Source*

SCP SCIENCE offers a wide variety of Hollow Cathode Lamps for all customers. Available in the two standard sizes: 2.0" diameter for direct replacement in Perkin Elmer® instruments and 1.5" diameter for Varian®, Buck Scientific®, Shimadzu®, and other OEMs.

- Provide stable light output
- **NEW** compact packaging
  - Reduces shelf space by 69%
- Offer minimum noise and interference
- Offer after sales support with trained customer service

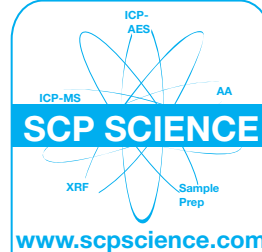


**FREE  
AA STANDARDS\***



**With the purchase of each hollow cathode lamp receive a 125 ml, 1000 µg/ml AA standard at no cost!\***

*\*Not Included: (1) Supplemental hazardous material shipping charges; (2) Au standard*



Sample Prep

ICP-AES & MS

AA

XRF

Calibration Standards

Certified Reference Materials

**Graphite Furnace Tubes**



- ✓ Tubes meet & exceed OEM specifications
- ✓ Volume discounts available
- ✓ Free AA standard with the purchase of a package of graphite tubes

Call for further information

MK-MKG003-HCLS-2.0-E

**USA**

Tel.: (800) 361-6820  
Fax: (800) 253-5549

**Canada / International**

Tel.: (800) 361-6820 / (514) 457-0701  
Fax: (800) 253-5549 / (514) 457-4499

**Europe**

Tel.: +33 (0)1 69 18 71 17  
Fax: +33 (0)1 60 92 05 67

Single-Element Lamps 2.0" Non-Coded

1.5" Non-Coded

Element	Symbol	Catalog Number	Cross Reference Perkin Elmer®	Catalog Number	Cross Reference Varian®
Aluminum	Al	030-200-134	0303-6009	030-150-134	5610122000
Antimony	Sb	030-200-512	0303-6010	030-150-512	5610122100
Arsenic	As	030-200-332	0303-6011	030-150-332	5610122200
Barium	Ba	030-200-564	0303-6012	030-150-564	5610122300
Beryllium	Be	030-200-042	0303-6013	030-150-042	5610122400
Bismuth	Bi	030-200-832	0303-6014	030-150-832	5610122500
Boron	B	030-200-052	0303-6015	030-150-052	5610122600
Cadmium	Cd	030-200-482	0303-6016	030-150-482	5610122700
Calcium	Ca	030-200-204	0303-6017	030-150-204	5610122900
Cerium	Ce	030-200-582	0303-6019	030-150-582	5610122000
Cesium	Cs	030-200-554	0303-6020	030-150-554	5610123800
Chromium	Cr	030-200-244	0303-6021	030-150-244	5610123100
Cobalt	Co	030-200-272	0303-6022	030-150-272	5610123200
Copper	Cu	030-200-294	0303-6024	030-150-294	5610123300
Dysprosium	Dy	030-200-664	0303-6025	030-150-664	5610123400
Europium	Eu	030-200-634	0303-6027	030-150-634	5610123600
Gadolinium	Gd	030-200-644	0303-6028	030-150-644	5610123700
Gallium	Ga	030-200-312	0303-6029	030-150-312	5610123800
Germanium	Ge	030-200-322	0303-6030	030-150-322	5610123900
Gold	Au	030-200-792	0303-6031	030-150-792	5610124000
Indium	In	030-200-494	0303-6034	030-150-494	5610124400
Iridium	Ir	030-200-772	0303-6036	030-150-772	5610124500
Iron	Fe	030-200-262	0303-6037	030-150-262	5610124600
Lanthanum	La	030-200-574	0303-6038	030-150-574	5610124700
Lead	Pb	030-200-822	0303-6039	030-150-822	5610124800
Lithium	Li	030-200-034	0303-6040	030-150-034	5610124900
Magnesium	Mg	030-200-124	0303-6042	030-150-122	5610125100
Manganese	Mn	030-200-252	0303-6043	030-150-252	5610125200
Mercury	Hg	030-200-802	0303-6044	030-150-802	5610125300
Molybdenium	Mo	030-200-422	0303-6045	030-150-424	5610125400
Neodymium	Nd	030-200-604	0303-6046	030-150-604	5610125500
Nickel	Ni	030-200-282	0303-6047	030-150-282	5610125600
Niobium	Nb	030-200-414	0303-6023	030-150-414	5610125700
Osmium	Os	030-200-762	0303-6048	030-150-762	5610125800
Palladium	Pd	030-200-462	0303-6049	030-150-462	5610125900
Phosphorus	P	030-200-152	0303-6080	030-150-152	5610126000
Platinum	Pt	030-200-782	0303-6051	030-150-782	5610126100
Potassium	K	030-200-194	0303-6052	030-150-194	5610126200
Rhenium	Re	030-200-754	0303-6056	030-150-754	5610126400
Rhodium	Rh	030-200-454	0303-6057	030-150-452	5610126500
Rubidium	Rb	030-200-374	0303-6058	030-150-374	5610126600
Ruthenium	Ru	030-200-444	0303-6059	030-150-444	5610126700
Samarium	Sm	030-200-624	0303-6060	030-150-624	5610126800
Scandium	Sc	030-200-214	0303-6061	030-150-214	5610126900
Selenium	Se	030-200-342	0303-6062	030-150-342	5610127000
Silicon	Si	030-200-142	0303-6063	030-150-142	5610127100
Silver	Ag	030-200-474	0303-6064	030-150-474	5610127200

Single-Element Lamps 2.0" Non-Coded

1.5" Non-Coded

Element	Symbol	Catalog Number	Cross Reference Perkin Elmer®	Catalog Number	Cross Reference Varian®
Sodium	Na	030-200-114	0303-6065	030-150-114	5610127300
Strontium	Sr	030-200-384	0303-6066	030-150-384	5610127400
Tantalum	Ta	030-200-732	0303-6068	030-150-732	5610127500
Tellurium	Te	030-200-522	0303-6069	030-150-522	5610127600
Terbium	Tb	030-200-654	0303-6070	030-150-654	5610127700
Thallium	Tl	030-200-812	0303-6071	030-150-812	5610127800
Thorium	Th	030-200-902	0303-6072	030-150-902	5610127900
Tin	Sn	030-200-502	0303-6074	030-150-502	5610128100
Titanium	Ti	030-200-224	0303-6075	030-150-224	5610128200
Tungsten	W	030-200-742	0303-6076	030-150-742	5610128300
Uranium	U	030-200-924	0303-6077	030-150-922	5610128400
Vanadium	V	030-200-232	0303-6078	030-150-234	5610128500
Ytterbium	Yb	030-200-704	0303-6079	060-150-704	5610128600
Yttrium	Y	030-200-394	0303-6080	030-150-394	5610128700
Zinc	Zn	030-200-302	0303-6081	030-150-302	5610128800
Zirconium	Zr	030-200-404	0303-6082	030-150-404	5610128900

Multi-Element Lamps

Aluminum/Calcium/Magnesium

Al/Ca/Mg 030-201-001 0303-6099 030-151-001 ---

Calcium/Magnesium

Ca/Mg 030-201-008 0303-6092 030-151-008 5610129100

Calcium/Magnesium/Zinc

Ca/Mg/Zn 030-201-009 --- 030-151-009 ---

Copper/Iron/Manganese/Zinc

Cu/Fe/Mn/Zn 030-201-012 0303-6105 030-151-012 ---

Sodium/Potassium

Na/K 030-201-014 0303-6095 030-151-014 5610129000

\* Custom multi-element lamps available



SCP SCIENCE visually, optically, and electrically inspects all their hollow cathode lamps to insure the highest possible quality. A detailed emission and stability chart is included with every lamp. We pride ourselves in offering these products which have gone through the highest quality control procedures in the market. Direct replacement for AA instruments (Perkin Elmer®, Varian®, Buck Scientific®, TJA®, Hitachi®, and other OEMs) are available.

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