Hellma USA, Inc.
2012 Deuterium Lamp
Application Guide

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		Heraeus Lamp	
Manufacturer	Model	Old	Latest
Allied IL	All		Not available
Alpkem	510, 5010	**J53**	Not available
Altex	153		Not available
Altex	155	R17	Not available
Altex	163	P02	**DO 903 T**
Altex	164/165	S03	
Altex	166	J37	Not available
Altex	167	S03	
			Not available
Altex/Hitachi	100 (HPLC)	R07	**DO 946**
American Hi-Tech (*see Scientific Systems, Inc.*)			
Amersham (*see LKB Pharmacia)*			
Aminco	DW2, DW2A, DW2/S	G03	**DO902**
Aminco	DW2C, DW2000	R38	**DO946**
Applied Biosystems (ABI)	120, 130	**J16**	Not available
Applied Biosystems (ABI)	120A, 130A, 230A, 270A-HT (CZE)	**J16**	DS244TJ
Applied Biosystems (ABI)	471A		DS244TJ
Applied Biosystems (ABI)	757, 775, 783, 783A	**J16**	Not available
Applied Biosystems (ABI)	759A, 773, 775A, 785A	**J16**	DS244TJ
Applied Biosystems (ABI)	980	**J16**	DS244TJ
Applied Biosystems (ABI)	1000S	**J16**	Not available
ACS	LC750/11E, 750/12	G16	Not available
ACS	LC750/16		Not available
Barspec	All models	R07	DO 946
BAS	200	**J53**	Not available
Bausch & Lomb (Milton Roy - Spectronic)	200, 700, 710, 2000	**G05**	Not available

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Manufacturer	Model	Old	Latest
Bausch & Lomb (Milton Roy - Spectronic)	3000		Not available
Bausch & Lomb (Milton Roy - Spectronic)	3100/3200	P02	**DO 903 T**
Bausch & Lomb (Milton Roy - Spectronic)	DE 50	**G05**	Not available
Bausch & Lomb (Milton Roy - Spectronic)	Genysis 2, 2PC, 5	**G31**	Not available
Bausch & Lomb (Milton Roy - Spectronic)	Spectronic 21, 21D, 501, 601, 1001, 1201	**G05**	Not available
Bausch & Lomb (Milton Roy - Spectronic)	Spectronic Mod 1001 Plus		Not available
Beckman	100	R07	**DO 946**
Beckman	1272-M AAS		Not available
Beckman	153		Not available
Beckman	155	**R01**	Not available
Beckman	163	P02	**DO 901T**
Beckman	164	S03	**DO 753**
Beckman	165	S03(T)	**DO 753**
Beckman	166		J43
Beckman	167	S03	**DO 753**
Beckman	167	S03(T)	**DO 753**
Beckman	168		H44
Beckman	5	S03	**DO 753**
Beckman	6	S03	
Beckman	24, 25, 26, 34,35, 36,5200	S03	**DO 753**
Beckman	Acta	S03	**DO 753**
Beckman	DB, DBG, DK, DU	P06	**DO 802**
Beckman	D8, DU2, DK		Not available
Beckman	DU6, 7, 8, 40, 50	S03	**DO 753**
Beckman	DU60, 62, 64, 65, 68		DO 753
Beckman	DU70		Not available
Beckman	DU530		**DO 543/05 J**
Beckman	DU620, 630	**H04**	
Beckman	DU640, 800	J31	**H04**
Beckman	DU650, 6000, 7000, 7500	J31	**H04**
Beckman	P/ACE 2000 Series, MDQ		**DS 251/05 J**
Beckman	System Gold	S03	**DO 753**
Biocad	700E	**J53**	DS248 TJ
Biocad	Sprint	**J53**	DS248 TJ
Biochrom - see LKB Pharmacia/ GE Healthcare			
Biorad	1305, 6	**R19**	
Biorad	1503	R38	**DO946**

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Manufacturer	Model	Old	Latest
Biorad	1801		Not available
Biorad	206, 300	**J53**	Not available
Biorad	1790, BioDimensions, BioFocus 2000,3000	**J53**	Not available
Biorad	CE2000, HPE100, MDL1790/1801	**J53**	DS248 TJ
Biorad	EMI		Not available
Biorad	Remedi		Not available
Biorad	UV-1806A	**P01**	
Biorad	UV-1806B		Not available
Biorad	UV970/975		Not available
Bio-Tek Instruments - see Kontron			
Bios Analytical	Diode Array 1100	**P17**	Not available
Biotronic	BT3030	**R19**	Not available
Biotronic	BT3035	R38	**R01**
Biotronic	BT8200	P06	**P01**
Biotronic	BT9510, 9520	**J53**	DS 248 TJ
Bischoff	Lambda 1000, 1010, DAD 3L		**PR38043**
Bischoff	UV detector		Not available
Bruins Instruments	Omega 20		
Buchler	All models	G03	**DO 902**
Buck Scientific	210VGP		Not available
Camag	HPTLC Scanner		
Camag	HPTLC Scanner II	**G29**	
Camag	TLC Scanner III		
Camag	TLC Scanner III, ??		
Camspec	302		Not available
Camspec	M302, 330, 350	**J25**	
Carlo Erba	SP601	G02	**DO 802**
Carlo Erba	UV Vis 20	**J53**	DO 909
Carlo Erba	UV Vis 20RS	**J53**	DO 902
Carlo Erba	*other models	G03	**DO 902**
Cathodeon	N01, N02, N03		
Cecil Insts	1000, 2000 , 3000 series	**R18**	Not available
Cecil Insts	1070 series	R18	Not available
Cecil Insts	5000, 6000, 7000 series	**R18**	Not available
Cecil Insts	8000, 9000 series	**R18**	Not available
Cecil Insts	CE 6602, 3, 7200, 8020	**R18**	Not available
Cecil Insts	CE1010, 20, 70, 1200, 20	**R18**	Not available
Cecil Insts	CE2012, 2112	D01	Not available

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Manufacturer	Model	Old	Latest
Cecil Insts	CE202, 212, 212A, 272, 292	D01	Not available
Cecil Insts	CE2202, 72, 92, 4400, 2021	**R18**	Not available
Cecil Insts	CE373, 393	D01	Not available
Cecil Insts	CE505, 515, 545, 588, 594, 595, 599	D01	Not available
Cecil Insts	CE5095	D01	Not available
Cecil Insts	CE5501, 02, 6600, 6600S	**R18**	Not available
Cecil Insts	CE6602, 6603, 7200, 8020	**R18**	Not available
Cecil Insts	CE9020, 50, 80, 90	**R18**	Not available
Cecil Insts	Series 1 models	D01	Not available
Cecil Insts	Series 2 models	**R18**	Not available
Ciba-Corning	UV875	**P01**	Not available
Coleman	55, 124, 550, 552	**R07**	DO 946
Columbia Sci	SA700	**Y02**	Not available
Desaga	CD60		Not available
Dionex	20001	**J10**	Not available
Dionex	500		Not available
Dionex	CES 1, VDM 2	**J10**	Not available
Dionex	CZE Capil. Elec. System	**J10**	Not available
Dionex	Durrum	G02	**DO 802**
Dionex	VDM 1, DSA-1	**J53**	DS248 TJ
Dionex	AD 25, PDA100		**PR39065**
Dionex	UltiMate 3000 VWD/DAD		**MDX 281/05J**
Dorman	DC 180		Not available
Dr. Lange	Cadas 100, 200		Not available
DuPont	825	R01	**DO 946**
DuPont	837	G03	**DO 802**
DuPont	850	R38	**DO 946**
DuPont	852		Not available
DuPont	860, 2		Not available
DuPont	870	**R15**	Not available
Dynamax	UV-C, UV-D11, UV-M	**J53**	Not available
EM Science	All	R16	**DO 946 J**
Erma	7510		Not available
Erma	ERC 7210, 11	R01	**DO 946**
Femto	700		
Femto	700 Plus		
Femto	700S		
Femto	800XI		
GAT	LDC 500	**J53**	DS 248 TJ

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Manufacturer	Model	Old	Latest
GAT	LDC 502	**J53**	Not available
GAT	LDC 503	**J53**	Not available
GAT	LDC 550	**J53**	Not available
GBC	All AA Instruments	J07	**WL 23881C**
GBC	Cintra 5, 10, 20, 40		Not available
GBC	LC 1200		Not available
GBC	LC 1205, 1206	**J53**	DS248 TJ
GBC	LC 1210	**J53**	Not available
GBC	UV VIS 916		Not available
GBC	UV VIS 918	J07	**WL 23881C**
GE Healthcare	Series 2000/3000		**J98**
GE Healthcare	U1000		
GE Healthcare	Genequant		
GE Healthcare	Genequant Pro		**J101**
Gilford	200, 220, 222	**P06**	DO 802
Gilford	2000, 2400, 2600	**P06**	DO 802
Gilford	230, 40, 50, 52, 60	**P06**	DO 802
Gilford	Response	R07	**DO 946**
Gilson	112		**P06**
Gilson	115, 117	P13	**DS 222 J**
Gilson	116		**DS 222 J**
Gilson	118,119	P18	**DS 276 TJ**
Gilson	151, 152, 153	P18	**DS 276 TJ**
Gilson	155, 156 Dual, 160 Diode Array		**DS 276 TJ**
Gilson	170 Diode Array	P19	**DS 276 TJ**
Gilson	216		Not available
Gilson	Holochrome	**G09**	Not available
Gilson	Spectrochrome	X02	Not available
Gynkotech	LC33		DX 201 RJ
Gynkotech	UVD 160S, 340S, 340U		**DX 201 RJ**
Gynkotech	UVD170, 170U,320, 340		**DX 201 RJ**
Hach	DR4000U		**DO 543/05 J**
Heraeus	DO 222/05	P09	
Hewlett Packard	1040	P21	Not available
Hewlett Packard	1040A		
Hewlett Packard	1040AD		
Hewlett Packard	1050 DAD (G1306A)	**P21**	
Hewlett Packard	1050 VWD (79853A)	P01	Not available
Hewlett Packard	1050 VWD (79853C)	P21	Not available
Hewlett Packard	1050MWD (79854A)	P21	Not available
Hewlett Packard	1080	P05	
Hewlett Packard	1080B		Not available
Hewlett Packard	1081, 1081B, 1082B, 1084	P05	
Hewlett Packard	1084B	P05	

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Manufacturer	Model	Old	Latest
Hewlett Packard	1090DAD(79890A)	P21	DO 205 RJ
Hewlett Packard	1090FPO (79881A)		Not available
Hewlett Packard	1100/G1314VW	P17	**DX 224/05**
Hewlett Packard	1100/G1315A Diode Array	P19	**DO 262/05 RJ**
Hewlett Packard	1200 VWD		**DX 224/05**
Hewlett Packard	8450		Not available
Hewlett Packard	8451 DAD		Not available
Hewlett Packard	8452, 8452 A DAD		**DS 204/05 RTJ**
Hewlett Packard	8453		
Hewlett Packard	9492 DAD		Not available
Hewlett Packard	HP 1090 DAD Series I, II	P21	Not available
Hewlett Packard	HP 79881A FPD		Not available
Hewlett Packard	HP 8450A		Not available
Hewlett Packard	HP 8451 DAD		Not available
Hewlett Packard	HP 8452, 8452 A DAD		Not available
Hewlett Packard	HP 8453, 9492 DAD		Not available
Hewlett Packard	HP8452 Opt 002		Not available
Hewlett Packard	other models		Not available
Hilger & Watts (Rank Precision)	Monospec		Not available
Hilger & Watts (Rank Precision)	Uvispec		Not available
Hitachi	100-10	R07	**DO 946**
Hitachi	100-30		**DO 946**
Hitachi	100-40, -50	R07	**DO 946**
Hitachi	100-60	R07	**DO 946**
Hitachi	101, 102, 111	R17	**R01**
Hitachi	124	R07	**DO 946**
Hitachi	150-20	R16	**PR38070**
Hitachi	181	R38	**PR38070**
Hitachi	200, 220	R16	**PR38070**
Hitachi	300, 330LC, 340,	R16	**PR38070**
Hitachi	556, 557		**PR38070**
Hitachi	2000, 3000, 3200	R16	**PR38070**
Hitachi	655A22	R16	**PR38070**
Hitachi	655A-UV		**PR38070**
Hitachi	704/717/734		Not available
Hitachi	L2455 DAD		**DO 655J**
Hitachi	L2500, 3000, 4000, 4200	R16	**DO 651 MJ**
Hitachi	L4225		**DO 651 MJ**
Hitachi	L4250, 4500	R16	**DO 651 MJ**
Hitachi	L4720	R16	**DO 651 MJ**

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Manufacturer	Model	Old	Latest
Hitachi	L7400 UV, 7400 UV/Vis	R16	**DO 655 J**
Hitachi	L7420		**DO 655 J**
Hitachi	L7450A		**DO 655 J**
Hitachi	L7455, L 7455 DAD		**DO 655 J**
Hitachi	L7480		Xe lamp
Hitachi	U1000		**PR38070**
Hitachi	U1100		**PR38070**
Hitachi	U1110		Not available
Hitachi	U2000	R16	**PR38070**
Hitachi	U2001		**PR38070**
Hitachi	U3010		**PR38070**
Hitachi	U3210		**PR38070**
Hitachi	U3310		**PR38070**
Hitachi	U3410, 3501	R16	**PR38070**
Hitachi	U4000		Not available
Hitachi	U4001, 4010	R16	**PR38070**
Hitachi	UL1100	R16	**PR38070**
Hitachi	UL1100	R53	**PR38070**
Hitachi	U 1800		**DO 947 J**
Hi-Tech	Stopflow		Not available
Hi-Tech			Not available
ICI	LC1200	R07	**DO 946**
	LC 1205, 1210	**J53**	
IFCO	S500	**J53**	DS248 TJ
IBM Instruments	Detectors		**DO 903 T**
IBM Instruments	LC9523 / LC 9563		**DO 902**
IBM Instruments	Spectrophotometer	**R19**	Not available
IL	551		Not available
IL	All other instruments		Not available
Instruments SA	JY-201	G02	**DO 802**
Isco	1800	**A04**	Not available
Isco	V4	P05	
Jasco	7800		Not available
Jasco	870, 875	**P01**	DS 220
Jasco	920		Not available
Jasco	974		Not available
Jasco	975		Not available
Jasco	DIP 181, 7800		Not available
Jasco	MD 910 Diode Array		Not available
Jasco	2050, Multi 320	**R19**	Not available
Jasco	UV 970, 975, 975B		Not available
Jasco	UV975A	**P01**	Not available

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Manufacturer	Model	Old	Latest
Jasco	Uvidec 1, 2, 4	R17	**R01**
Jasco	Uvidec 100 III, IV, V, VI	**R19**	DO 902
Jasco	Uvidec 100, 100 II	R17	**R01**
Jasco	Uvidec 320, 340, 420	R17	**R01**
Jasco	Uvidec 430	**R19**	DO 902
Jasco	Uvidec 4D	**R07**	DO 946
Jasco	Uvidec 505, 510	R17	**R01**
Jasco	Uvidec 610, 650	**R19**	DO 902
Jasco	Uvidec 710	R17	**R01**
Jasco	V530, 50, 60, 70		Not available
Jenway	6105		Not available
Jenway	6405/6505		Not available
Jenway	6500		Not available
Jobin Yvon	Monospec 103	G03	**DO 902**
Joyce Loebl	Chromoscan	G03	**DO 902**
Joyce Loebl	Scan 400	**G01**	DO 802
Knauer	2151		Not available
Knauer	6100, 8100	G03	**DO 902**
Knauer	870		Not available
Knauer	8700, 9700		NY10256
Knauer	Welchrom K-2000, 2001, 2500		
Knauer	WelChrom K-2501, 2600 Fast Scan, 2700 DAD		
Kontron	330		**DO 802**
Kontron	332	G13	**DS 222/05TJ**
Kontron	335, 430A	G13	**DX 222/05TJ**
Kontron	430, 432, 433	P09	**DS 222/05TJ**
Kontron	440, 440 DAD		**DO 652/05TJ**
Kontron	535		**DS 222/05TJ**
Kontron	535 VWD, DAD		**DX 222/05TJ**
Kontron	538		DS 222/05TJ
Kontron	540DAD UV-Vis		**DX 241/05TJ**
Kontron	540 Plus DAD UV-Vis		**DX 241/05TJ**
Kontron	545V DAD UV-Vis		**DS 241/05TJ**
Kontron	710, 715		**DO 904 T**
Kontron	720 LC		**DO 905 T**
Kontron	72013C		Not available
Kontron	732		Not available
Kontron	735, 735LC	**R19**	Not available
Kontron	740LC	G16	Not available
Kontron	742		Not available
Kontron	810		**DO 904 T**
Kontron	810P	**G01**	Not available
Kontron	820, 860		**DO 904 T**
Kontron	900		Not available

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Manufacturer	Model	Old	Latest
Kontron	Uvikon 430, 432	P09	**DS 222/05 TJ**
Kontron	Uvikon 600		**DO 904 T**
Kontron	Uvikon 700		**DO 904 T**
Kontron	Unikon 710		**DO 904 T**
Kontron	Uvikon 720, 720 LC	G01	**DO 904T**
Kontron	Uvikon 722	**R19**	Not available
Kontron	Uvikon 725	R07	**DO 946**
Kontron	Uvikon 730	**R19**	Not available
Kontron	Uvikon 800	G01	**DO 904T**
Kontron	Uvikon 810		**DO 904 T**
Kontron	Uvikon 820		**DO 904 T**
Kontron	Uvikon 860	G01	**DO 904 T**
Kontron	Uvikon 922		**DO 905 TJ**
Kontron	Uvikon 923		**DO 905 TJ**
Kontron	Uvikon 930		**DO 905 TJ**
Kontron	Uvikon 930	P11	**DO 905 TJ**
Kontron	Uvikon 931	P11	**DO 905 TJ**
Kontron	Uvikon 932		**DO 905 TJ**
Kontron	Uvikon 933		**DO 905 TJ**
Kontron	Uvikon 940		**DO 905T**
Kontron	Uvikon 941		**DS 227/05**
Kontron	Uvikon 942		**DO 904 T**
Kontron	Uvikon 943		**DO 904 T**
Kontron	Uvikon XL		**DO 907/05 TJ**
Kontron	Uvikon XS, CSA		**DO 907/05 TJ**
Kortek	K95	**F03**	Not available
Kratos(see also ABI)	120, 130	**J16**	DS 244 TJ
Kratos	757, 759, 773, 775, 783	**J16**	DS 244 TJ
Kratos	769, 770, 970	J16/	DS 244 TJ
Kratos	785A, 980	J16	Not available
Kratos	873		DS 244 TJ
Kratos	FS970	J16	Not available
Kratos	FS970		DS 244 TJ
Kratos	FS980	J16	Not available
Kratos	SF770	G01	
Kratos	FS980		Not available
LDC	12020		Not available
LDC	3000	P02	**DO 903 T**
LDC	3100, 3200	P02	**DO 903 T**
LDC	4000 Series	P02	**DO 903 T**
LDC	4100, 4200, 5000	P02	**DO 903 T**
LDC	SM5000		
LDC	Spectromonitor D	P02	**DO 903 T**
LDC	Spectromonitor I, II		DO 901 T
LDC	Spectromonitor III	P02	**DO 903 T**
LDC	SM121		DO 902 T
LDC	SM1200		DO 902 T
LDC	SM1222		DO 902 T

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Manufacturer	Model	Old	Latest
Lear Sigler	SM1000	G02	**DO 802**
Lear Sigler	SM2020	G02	**DO 802**
Lear Sigler	SM400	G02	**DO 802**
Lear Sigler	SM700	G02	**DO 802**
Lear Sigler	SM810	G02	**DO 802**
Linear	200,205	**J53**	Not available
Linear	203, 204, 206	**J53**	DS 248 TJ
Linear	206PH	**J53**	Not available
Linear	Focus	**J53**	Not available
Linear	Focus 2000 High Res	**J53**	Not available
Linear	Focus 2000 HR	**J53**	Not available
Linear	UV200	**J53**	Not available
LKB Biochrom see LKB Pharmacia			
LKB Pharmacia	2151		Not available
LKB Pharmacia	4050, 4054	**R07**	DO 946
LKB Pharmacia	TDS S/N>205	**R07**	DO 946
LKB Pharmacia	Ultraspec III	R10	**R10**
LKB Pharmacia	Ultraspec+ S/N>175	R10	**R10**
LKB Pharmacia	Ultrospec		
LKB Pharmacia	Ultrospec 1100	R10	
LKB Pharmacia	Ultrospec II S/N>6597	R07	**R10**
LKB Pharmacia	UV-M1, UV-1, UV1-280		
LKB Produkter	2140	F03	Not available
LKB Produkter	2141	F03	Not available
LKB Produkter	Uvicord		Not available
Libra	32 /35S, 4300		**J98**
McPherson	632	**V03**	Not available
McPherson	701	G03	**DO902**
McPherson	707	G03	**DO902**
Meloy Labs	SA 700	**Y02**	
Merck/Hitachi	655A/22	R16	**PR 38070**
Merck/Hitachi	L3000,4000,4500,4520	R16	**DO 651 MJ**
Merck/Hitachi	L7450 Diode Array		**DO 655 J**
Metrolab	1700		**R36**
Micromeritics	785, 786	G17	**DO 902**
Micromeritics	787, 788	**R17**	Not Available

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Manufacturer	Model	Old	Latest
Micronal	B382		**DO 506**
Micronal	B582		**WL 24443A**
Milton Roy (see Bausch & Lomb or LDC)			
Nicolet	8745	**L06**	
Optica	10	G03	**DO 506**
			Not available
Oriel	26-109-002	**F05**	Not available
Oriel	6316	R01	**DO 946**
Oriel	63162	**R48**	Not available
Oriel	63163	**R47**	Not available
Oriel	63170	**J05**	Not available
Perkin Elmer	1100	P16	**DO 812 TJ**
Perkin Elmer	1100B		**DO 812 TJ**
Perkin Elmer	137 UV		Not available
Perkin Elmer	2100		**DO 812 TJ**
Perkin Elmer	2280, 2380, 3030, 4000, 5000, 5100	**R06**	Not available
Perkin Elmer	4100		**DO 812 TJ**
Perkin Elmer	200		DO 946 J
Perkin Elmer	272, 80	**R06**	Not available
Perkin Elmer	303, 304B, 305, 305A, 306		Not available
Perkin Elmer	320		DO 946 J
Perkin Elmer	330		DO 946 J
Perkin Elmer	340		DO 946 J
Perkin Elmer	360, 370, 372, 373, 380	**R06**	Not available
Perkin Elmer	400	**G20**	Not available
Perkin Elmer	402, 403		Not available
Perkin Elmer	410, 420, 430	**G20**	Not available
Perkin Elmer	460, 4000, 5000	**R06**	Not available
Perkin Elmer	480		Not available
Perkin Elmer	503		Not available
Perkin Elmer	55	R49	DO 946
Perkin Elmer	55 E	R38	DO 946
Perkin Elmer	550, 1, 2, 2A, 3, 9 , 9A	R49	**DO 650 TJ**
Perkin Elmer	555	**R30**	
Perkin Elmer	556		DO 946 J
Perkin Elmer	557		DO 946 J
Perkin Elmer	560, 603, 703, 2280, 2380	**R06**	Not available
Perkin Elmer	575	R38	**DO 946**
Perkin Elmer	AAnalyst 600AA, 700 AA, 800AA		**DO 812 TJ**
Perkin Elmer	AAS 1100, 1100(B), 2100, 4100		**DO 812 TJ**
Perkin Elmer	AAS 2280, 2380, 3030 (B), 4000, 5000, 5100	**R06**	
Perkin Elmer	Integral 2000	R07	**DO 946**
Perkin Elmer	Integral 4000	R07	**DO 946**
Perkin Elmer	L 260-D Lambda		Not available

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Manufacturer	Model	Old	Latest
Perkin Elmer	Lambda 1, 3, 3A, 3B	R38	**DO 946**
Perkin Elmer	Lambda 10, 11, 12	R49	**DO 650 TJ**
Perkin Elmer	Lambda 14		**DO 650 TJ**
Perkin Elmer	Lambda 15	R12	**DO 650 TJ**
Perkin Elmer	Lambda 16		**DO 650 TJ**
Perkin Elmer	Lambda 17	R12	**DO 650 TJ**
Perkin Elmer	Lambda 18		**DO 650 TJ**
Perkin Elmer	Lambda 19	R12	**DO 650 TJ**
Perkin Elmer	Lambda 2	R49	**DO 650 TJ**
Perkin Elmer	Lambda 20	R49	**DO 650 TJ**
Perkin Elmer	Lambda 25, 35, 45	R49	**DO 650 TJ**
Perkin Elmer	Lambda 40	R49	**DO 650 TJ**
Perkin Elmer	Lambda 5, 7, 9	R12	**DO 650 TJ**
Perkin Elmer	Lambda 650, 800, 850, 950		**DO 650 TJ**
Perkin Elmer	Lambda 900		**DO 650 TJ**
Perkin Elmer	Lambda Bio 19, 20, 40, 800, 900		**DO 650 TJ**
Perkin Elmer	Lambda Array 3840		Not available
Perkin Elmer	LC135	R07	**DO 946**
Perkin Elmer	LC141MC		**DO 946**
Perkin Elmer	LC235, LC235C	R42	**DO 946**
Perkin Elmer	LC240, 290, 295, 481		Not available
Perkin Elmer	LC241MC		**DO 946**
Perkin Elmer	LC55, 55B, 65B, 65T	R07	**DO 946**
Perkin Elmer	LC55T		Not available
Perkin Elmer	LC75, LC85, LC 85B	R07	**DO 946**
Perkin Elmer	LC90		Not available
Perkin Elmer	LC95	R07	**DO 946**
Perkin Elmer	M46	R38	**R03**
Perkin Elmer	M55	R38	**DO 650 TJ**
Perkin Elmer	M57	R38	Not available
Perkin Elmer	LC480PDA		**DO 650 TJ**
Perkin Elmer	M550		DO 650 TJ
Perkin Elmer	M550S	**R30**	Not available
Perkin Elmer	M551		DO 650 TJ
Perkin Elmer	M551S	**R30**	Not available
Perkin Elmer	M552 S/N<2030	**R30**	DO 650 TJ
Perkin Elmer	M552 S/N>2030		DO 650 TJ
Perkin Elmer	M553		DO 650 TJ
Perkin Elmer	M554	**R30**	Not available
Perkin Elmer	M555		Not available
Perkin Elmer	M559		DO 650 TJ
Perkin Elmer	M559A		DO 650 TJ
Perkin Elmer	Series 200 DAD		**DS 272 TJ**
Perkin Elmer	Series 200 UV-Vis	**J16**	**DS 272 TJ**
Perkin Elmer - Applied Biosystems (PE/ABI) see Applied Biosystems			
PE/Hitachi	124, 200, 329, 330, 340, 556, 557	R16	**DO 946 J**

		Heraeus Lamp	
Manufacturer	Model	Old	Latest
PE/Hitachi	139	R07	**DO 946**
Perceptive Biosystems	BIOCAD Sprint, 20, 60	**J53**	DS248 TJ
Phillips see Unicam			
Pye Unicam see Unicam			
Saitron	Monospec B	G01	**DO 802**
Scientific Systems, Inc. - SSI	500, 506 UV-Vis, 525/201, 200 UV, UV 200	**J53**	DS248 TJ
Scinco	S-1100 Series		**PR 38004A**
Secomam	Pastel-UV		Not available
Secomam	PRIM		Not available
Severn Analytical	SA6500, 3, 5, 8	**J53**	DS 248 TJ
Severn Analytical	SA6510	**J53**	DS 244 TJ
Shimadzu	670G		DO 405 J
Shimadzu	AA 670, 670G 6200		**WL 24443A**
Shimadzu	AA 6300, 6500, 6800		**WL 24443A**
Shimadzu	1201, 1601, 2101		Not available
Shimadzu	6500 AA	P06	**WL 24443A**
Shimadzu	6701 AA		Not available
Shimadzu	AA 680		Not available
Shimadzu	CS-920, 930, 9000		**WL 24443A**
Shimadzu	D300L	G03	**WL 24443A**
Shimadzu	MPS-2000		**WL 24443A**
Shimadzu	LC 3A, 4A, 6A	**P06**	Not available
Shimadzu	SP4	**P06**	Not available
Shimadzu	SPD 10	J74	DX 250/05J
Shimadzu	SPD 10A, 20A, M20A	J74	**DX 250/05J**
Shimadzu	SPD 10AS	J74	Not available
Shimadzu	SPD 10AV, 20AV	J74	**DX 250/05J**
Shimadzu	SPD 10AVP, 10MWP	J74	**DX 250/05J**
Shimadzu	SPD 2A, 6A, 6AV, 7A, 7AV	P06	**DX 223**
Shimadzu	SPD-M10AVP		**DX 250/05J**
Shimadzu	SPD-M10A, M10AV		**DX 243/05J**
Shimadzu	SPD-MIOD Photo-Diode		Not available
Shimadzu	UV 200S	G03	DO 902
Shimadzu	UV120		**WL 24443A**
Shimadzu	UV120-01		**WL 24443A**
Shimadzu	UV120-02		**WL 24443A**
Shimadzu	UV140		**WL 24443A**
Shimadzu	UV150		**WL 24443A**
Shimadzu	UV160		**WL 24443A**
Shimadzu	UV160A		**WL 24443A**
Shimadzu	UV180		**WL 24443A**
Shimadzu	UV190		**WL 24443A**

		Heraeus Lamp	
Manufacturer	Model	Old	Latest
Shimadzu	UV200		**WL 24443A**
Shimadzu	UV202		**WL 24443A**
Shimadzu	UV210		**WL 24443A**
Shimadzu	UV210A		**WL 24443A**
Shimadzu	UV240		**WL 24443A**
Shimadzu	UV250		**WL 24443A**
Shimadzu	UV260		**WL 24443A**
Shimadzu	UV350		**WL 24443A**
Shimadzu	UV360		**WL 24443A**
Shimadzu	UV365		**WL 24443A**
Shimadzu	UV370		**WL 24443A**
Shimadzu	UV625		**WL 24443A**
Shimadzu	UV1200, 1600, 1700 Series		**WL 24443A**
Shimadzu	UV1201		**WL 24443A**
Shimadzu	UV2100, 3000,3100 Series		**WL 24443A**
Shimadzu	UV-min-1240		**WL 24443A**
Sigma	ZWS 11	**G13**	Not available
Signal	NA3 Analyzer	**Y01**	Not available
Speck Analytical	SA 203, 302	**J53**	DS 248 TJ
			Not available
Spectra Physics	100, 200	**J53**	DS 248 TJ
Spectra Physics	3100	P02	**DO 903 T**
Spectra Physics	770		Not available
Spectra Physics	CE 100, 500, 1000, 2000	**J53**	DS 248 TJ
Spectra Physics	Focus Detector	**J53**	DS 248 TJ
Spectra Physics	LC871	A04	Not available
Spectra Physics	Linear, 200, 201,203, 204, 205, 206, 206PH	**J53**	DS 248 TJ
Spectra Physics	SP100, 200	**J53**	DS 248 TJ
Spectra Physics	SP770, 970		**J16**
Spectra Physics	SP8200	G03	DO 902 T
Spectra Physics	SP8400, 30, 40, 50	G13	**DO 902 T**
Spectra Physics	SP8480	G13	**DS 224 TJ**
Spectra Physics	SP8480XR		DS 244 TJ
Spectra Physics	SP8490	G13	**DO 902 T**
Spectra Physics	SP8773XR		Not available
Spectra Physics	Spectrachrom 100, 200	J53	DS 248 TJ
Spectra Physics	UV100, 150, 200	**J53**	DS 248 TJ
Spectra Physics	UV1000, 2000	**J53**	DS 248 TJ
Spectronic Instruments - (*see Bausch & Lomb*)			
Spectronic Unicam - (*see Unicam*)			
Sun Chrom	SpectraFlow 501		
Sun Chrom	SpectraFlow 600DAD		

		Heraeus Lamp	
Manufacturer	Model	Old	Latest
Suntek Science Instruments - (*see Scientific Systems Inc. (SSI)*)			
Techcomp	UV8500		Not available
Thermo Finnigan	UV6000LP		**DS 252/05TJ**
Thermo Quest (*see Thermo Separation, Linear or Spectra Physics)*			
Thermo Separation	3200	H04	Not available
Thermo Separation	Focus 2000HR, UV3000 HR	**J53**	Not available
Thermo Separation	SC100, 200	J53	DS248 TJ
Thermo Separation	Spectra 100	J53	DS248 TJ
Thermo Separation	Spectrachrom 100, 200		**J53**
Thermo Separation	Spectrofocus		**J23 (T)**
Thermo Separation	Spectro Monitor 3200		**G05**
Thermo Separation	UV 100, 150, 200	**J53**	DS248 TJ
Thermo Separation	UV 1000, 2000, 3000	**J53**	DS248 TJ
Thermo Separation	UV6000	J53	DS248 TJ
Thermo Spectronic - (*see also Unicam)*			
Thermo Spectronic	Aquamate	J64	**DO 544 J**
Thermo Spectronic	UV1, 2, 3, 4	J64	**DO 544 J**
Thermo Spectronic	UV1-100	J64	**DO 544 J**
TJA Solutions -(see Unicam)			
Tosoh	6040		Not available
Tosoh	8010, 8011	P02	**DO 901T**
Tosoh	TSK6041		
Tracor	D970A	G03	**DO 902**
Turner	330,430	**G01**	DO 902
Unicam	4020	A04	Not available
Unicam	4021	**G18**	Not available
Unicam	4025	A04	Not available
Unicam	4110	**A06**	Not available
Unicam	4225	**J53**	Not available
Unicam	5600 Series	**L01**	Not available
Unicam	8500, 8740	**L01**	Not available
Unicam	9002		Not available
Unicam	Crystal 200 series	**R36**	Not available

		Heraeus Lamp	
Manufacturer	Model	Old	Latest
Unicam	Evolution 600		**J64**
Unicam	Helios II		**J64**
Unicam	Helios Alpha, Beta, Epsilon	**J64**	DO 554 J
Unicam	Helios Delta, Gamma	**J64**	DO 554 J
Unicam	LC/UV	A04	Not available
Unicam	LC3	A04	Not available
Unicam	Solaar 939, 959, 989		Not available
Unicam	Solar		Not available
Unicam	SP1700, 1750, 1800	**B01**	Not available
Unicam	SP192	D01	Not available
Unicam	SP1960	D01	Not available
Unicam	SP30UV	**B01**	Not available
Unicam	SP3100		Not available
Unicam	SP500	A04	Not available
Unicam	SP6	D01	Not available
Unicam	SP600	**D01**	Not available
Unicam	SP6-350	**D01**	Not available
Unicam	SP6400	D01	Not available
Unicam	SP6450, 550	D01	Not available
Unicam	SP700, 800	**B01**	Not available
Unicam	SP7500	**G05**	Not available
Unicam	SP8	**L01**	Not available
Unicam	SP8000	**B01**	Not available
Unicam	SP8100	L01	Not available
Unicam	SP8100	B01	Not available
Unicam	SP8150, 200, 400	**L01**	Not available
Unicam	SP8450	**L06**	Not available
Unicam	SP8600	**L01**	Not available
Unicam	SP8620, 5	**L07**	Not available
Unicam	SP8700	**L06**	Not available
Unicam	SP8710, 15, 20, 30, 40	**L06**	Not available
Unicam	SP8745, 50	**L06**	Not available
Unicam	SP8800, 20	B01	Not available
Unicam	UV1, UV2, UV3, UV4	**J64**	DO 554 J
Unicam	UV300, 500, 550	**J64**	DO 554 J
Uvikon - see Kontron			
Varian	2050	**R19**	Not available
Varian	2550	**P01**	Not available
Varian	75 Series	**R17**	Not available
Varian	9050		**DS 228/05 TJ**
Varian	9065		Not available
Varian	AA1275, 1475	**R17**	Not available
Varian	AA275, 300, 400, 475, 775, 875, 975	**R17**	Not available
Varian	AA3000	**R17**	Not available
Varian	Cary 1, 50, 100	**R17**	Not available
Varian	Cary 118		Not available
Varian	Cary 17, 17D		Not available

		Heraeus Lamp	
Manufacturer	Model	Old	Latest
Varian	Cary 210	G01	**DO 802**
Varian	Cary 219 early		Not available
Varian	Cary 219 late	G01	**DO 802**
Varian	Cary 500		
Varian	Cary 2200	G01	**DO 802**
Varian	Cary 2300	G01	**DO 802**
Varian	DMS 70, 80, 90, 100S, 200, 300		Not available
Varian	LC1050		Not available
Varian	LC5000, 5500		DS 228/05 TJ
Varian	Polychrom 9060		Not available
Varian	Prostar 310		**DS 228/05TJ**
Varian	Prostar 340, 345		**J53**
Varian	Spectra 8000		Not available
Varian	Spectra AA10, 20,30,40	**R17**	Not available
Varian	Spectra 880, 220 FS	**R17**	Not available
Varian	Spectra A20 Plus		Not available
Varian	Spectra100		Not available
Varian	UV 10	G03	**DO 506**
Varian	UV 5		Not available
Varian	UV 50		**DS 228/05 TJ**
Varian	UV 634, 5	R17	**R01**
Varian	UV Superscan	**R17**	Not available
Varian	UV100	G01	**DS 228/05 TJ**
Varian	UV200		**DS 228/05 TJ**
Varian	Varichrom		Not available
Varian	Vista 5000, 5500		**DS 228/05 TJ**
Waters	440, 450, 455, 480		Not available
Waters	480LC	P02	**DO 903T**
Waters	481	P02	**DO 903T**
Waters	481LC	P02	**DO 903T**
Waters	484	P15	**DS 223 TJ**
Waters	486	P15	**PR 38077 /PR39056**
Waters	487, 2487	**P20**	
Waters	490		Not available
Waters	990		**DO 652/05 TJ**
Waters	991		**DO 652/05 TJ**
Waters	994		**DO 652/05 TJ**
Waters	994 DAD		DO 652/05 TJ
Waters	996, 2996 PDA	J66	
Waters	Alliance System		
Waters	Lambda max	P02	**DO 903 T**
Waters	LCI	**P15**	Not available
Waters	M450		Not available
Waters	UV2450		Not available
Waters	UV2487, UV 2488	P20	Not available

		Heraeus Lamp	
Manufacturer	Model	Old	Latest
Zeiss	CLD 300	**R36**	
Zeiss	DM4, KM3, PM2, PM4, PM6		**H 30 DS**
Zeiss	PMII, PMIII		**H 30 DS**
Zeiss	S10/UV-Vis		**DO 249 TJ**
Zeiss	S5UV/M500		**DO 249 TJ**
Zeiss	SPEKOL, SPECORD		**DO 249 TJ**
Zeiss	M500		**DO 249 TJ**

This list includes the latest information on the applications for our lamps. While we are confident that the applications shown are correct, we accept no responsibility for any errors or incorrect information.

Lamp Code	SAP Number	2012 pricing
A04	80013047	ASK
A06	80013048	$449.75
B01	80013049	$772.75
F03	Special Lamps Pricelist	
F05	Special Lamps Pricelist	
G01	80013065	$473.00
G05	80013068	$464.25
G09 (T)	80013092	$641.75
G13	80013094	$516.00
G16	80013096	$1,018.75
G18	80013098	$1,476.25
G20	80013102	$1,367.75
G31	80013106	$445.00
H04	80048278	ASK
H43	80053989	$1,224.00
H44	80053990	$772.50
J05	80013700	$700.00
J07	80013701	$922.75
J10	80013703	$814.75
J16 (T)	80013706	ASK
J23 (T)	80013709	$1,344.75
J25	80017504	$905.25
J31	80013723	$381.00
J37 (T)	80013725	$446.25
J38 (T)	80013726	$512.00
J53 (T)	80013728	$495.75
J64	80013730	$674.75
J74	80013732	ASK
J90	80013734	$475.00
J91	80013735	ASK
J92	80017538	$511.25
J98	80049114	ASK
J101	80049017	ASK
L01	80013736	$472.00

Lamp Code	SAP Number	2011 pricing
L06	80013738	$686.50
L07	80013739	$440.75
P01	80013754	$744.25
P02	80013755	$630.25
P06	80013759	$624.00
P17	80017653	ASK
P20	80013763	$496.00
P21	80013764	$477.00
R01	80013765	$678.25
R03	80013767	$531.50
R06	80013768	$682.00
R07	80013769	$552.00
R10	80017658	$543.75
R17	80013776	$502.00
R18 (T)	80013777	$530.00
R19	80013778	ASK
R30	80013784	$701.00
R36	80013787	ASK
R42	80013791	$446.75
R47	80013793	$455.50
R48	80013794	$450.00
S03	80013799	ASK
PR 38004A	80022365	$396.50
PR38070	80022406	$506.25
PR38074	80026576	ASK
PR38075	80022410	$462.25
PR38077	80022411	$515.00
PR38043	80022385	$870.00
WL23881C	80022456	ASK
WL24443A	80022495	ASK
H 30 DS	80010487	ASK
DX 201 RJ	80007875	$471.00
DS 204/05 RTJ	45000030	$628.75
DS 220	80007167	$472.25
DS 222 J	45000007	$624.75
DS 222/05 T	56070745	$516.50

Lamp Code	SAP Number	2011 pricing
DS 222/05 TJ	80006939	$592.75
DX 222/05 TJ	80005899	$628.25
DS 223 TJ	56071264	$667.00
DX 223	80006631	$449.75
DX 224/05 J	80034059	$487.50
DS 225/05 J	45006251	$540.50
DX 225/05 J	80003332	$594.50
DX 226/05 J	80030776	$584.25
DS 227/05	45002067	$447.50
DS 228/05 TJ	80003865	$853.75
DX 241/05 TJ	80004738	$627.00
DS 243/05 J	80007099	ASK
DX 243/05 J	80004249	$741.00
DS 244 TJ	45002109	ASK
DS 248 TJ	80004258	ASK
DO 249 TJ	56070646	$602.75
DS 250/05 J	45006152	$1,072.50
DX 250/05 J	80003115	$553.00
DS 251/05 J	80045466	$754.50
DS 252/05 TJ	45006227	$683.75
DS 270 J	45002106	$587.50
DS 272 TJ	45002219	$692.50
DS 276 TJ	80000700	$660.50
DO 405 J	56066930	ASK
DO 506	45000190	$380.00
DO 543/05 J	45006264	$550.50
DO 544 J	45006013	$486.50
DO 610/05 RTJ	45006247	$614.25
DO 650 TJ	80007103	$575.00
DO 651 MJ	45006240	$478.00
DO 652/05 TJ	45002323	$782.50
DO 655 J	80002154	$657.25
DO 753	80010187	$580.75
DO 753 J6	80015090	$558.00
DO 802	56069695	$447.75
DO 812 TJ	80002783	$597.75

Lamp Code	SAP Number	2011 pricing
DO 901 T	45006249	$501.75
DO 902	56069127	$431.00
DO 902 T	56069125	$672.50
DO 903 T	56069329	$505.75
DO 904 T	56070778	$532.50
DO 905 T	45002279	$466.75
DO 905 TJ	45006226	$723.75
DO 907/05 TJ	80000696	$629.75
DO 946	56069136	$573.50
DO 947 J	80040709	$552.00