

# Heraeus

## Hi-Tech Lamps

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# DEUTERIUM LAMPS

REPLACEMENT LAMPS FOR SPECTROPHOTOMETERS AND HPLC DETECTORS



ABI HPLC  
Model 783A, 785A  
DS 244 TJ



TSP  
HPLC Detector  
UV 6000  
DS 252/05 TJ



Beckman  
Spectrophotometer  
D 753 J6



Beckman  
Spectrophotometer  
DU 650/7000  
DS 246/05 J



BIO-TEK Kontron  
Spectrophotometer  
UVIKON 9XX  
DO 905 TJ

BIO-TEK  
Kontron HPLC  
440 DAD  
Waters HPLC  
990, 991, 994 DAD  
DO 652/05 TJ



Gilson HPLC  
DS 222 J



Merck Hitachi HPLC  
and  
Spectrophotometer  
DO 651 MJ



Shimadzu  
HPLC Detector  
SPD-10A  
DS 250/05 J



Shimadzu  
Spectrophotometer  
DO 405 J



Waters HPLC  
486  
DO 610/05 RTJ



Waters HPLC  
996  
DS 247/05 TJ

Heraeus Noblelight

Manufacturer	Instrument Model	Lamp Type	Part No.	
<b>Agilent Technologies</b>	HP 1084 B	DO 303	56069692	
	HP 8452 A	DO 204/05 RTJ	45000030	
<b>Applied Biosystems (ABI)</b>	120A, 130A, 230A	DS 244 TJ	45002109	
	270A, 471A	DS 244 TJ	45002109	
	SF 773, 759A, 770	DS 244 TJ	45002109	
	SF 783, 783A, 785A	DS 244 TJ	45002109	
	SF 970, 980	DS 244 TJ	45002109	
<b>Abimed</b>	see Gilson			
<b>Altex/Hitachi</b>	100 (HPLC)	DO 946	56069136	
<b>Aminco</b>	DW 2A	DO 902	56069127	
	DW 2C	DO 946	56069136	
<b>Beckman</b>	100	DO 946	56069136	
	HPLC Detectors	163	DO 901 T	56069126
		165, 167	D 753	56069104
	<b>P/ACE MDQ System</b>	<b>DS 251/05 J</b>	<b>45006158</b>	
Spectrophotometer	24, 25, 26	D 753	56069104	
	DU 6, DU 7, DU 8	D 753	56069104	
	DU 40, DU 50	D 753	56069104	
	Acta Series, 5200 Series	D 753	56069104	
	DU 60, DU 62, DU 64	D 753 J6	56069907	
	DU 65, DU 68	D 753 J6	56069907	
	DU 530	DO 543/05 J	45006264	
	DU 620, DU 630, DU 640	DS 246/05 J	45006015	
	DU 650, DU 7000	DS 246/05 J	45006015	
	<b>Biorad</b>	MDL 1790	DS 248 TJ	80004258
	<b>BIO-TEK Instruments</b> HPLC Detectors	330	DO 802	56069695
		332, 430, 432	DS 222/05 T	56070745
		433, 535, 538	DS 222/05 T	56070745
		332, 430, 432	DS 222/05 TJ	80006939
<b>335, 430A, 535VVD</b>		<b>DX 222/05 TJ</b>	<b>80005899</b>	
710, 715		DO 902	56069127	
720LC		DO 905 T	45002279	
440 DAD		652/05 TJ	45002323	
<b>540DAD, 540+, 545V</b>		<b>DS241/05 TJ</b>	<b>45006267</b>	
<b>540DAD, 540+, 545V</b>		<b>DX 241/05 TJ</b>	<b>80004738</b>	
Spectrophotometer		UVIKON 725	DO 946	56069136
		UVIKON 941	DS 227/05	45002067
		UVIKON 922, 923	DO 905 TJ	45006226
		UVIKON 930, 932, 933	DO 905 TJ	45006226
	UVIKON 931, 940	DO 905 T	45002279	
	UVIKON 942, 943	DO 902	56069127	
	UVIKON 810, 820, 860	DO 902	56069127	
	UVIKON 600, 700, 710	DO 902	56069127	
	<b>UVIKON XL/XS CSA</b>	<b>DO 907/05 TJ</b>	<b>80000696</b>	
	<b>UVIKON XS, XL</b>	<b>DO 907/05 TJ</b>	<b>80000696</b>	
	<b>Biotronic</b>	BT 9510, 9520	DS 248 TJ	80004258
	<b>Carlo Erba</b>	SP 601	DO 802	56069695
	<b>Coleman</b>	55, 124, 550, 552	DO 946	56069136
	<b>Dionex</b>	VDM-1, DSA-1	DS 248 TJ	80004258
<b>Dupont</b>	825, 850	DO 946	56069136	
	837	DO 802	56069695	
<b>GAT</b>	LCD 500, 502, 503, 550	DS 248 TJ	80004258	
<b>GBC</b>	LC1205, 1206	DS 248 TJ	80004258	
<b>Gilford</b>	200, 220, 222, 230	DO 802	56069695	
	240, 250, 252, 260	DO 802	56069695	
	2000, 2400, 2600	DO 802	56069695	
<b>Gilson Electronics</b> UV-Vis Detector	115, 117	DS 222 J	45000007	
	118, 119	DS 276 TJ	80000700	
	160 Array	DS 276 TJ	80000700	
<b>HACH</b>	DR/4000 U	DO 542 J	45000030	
<b>Hewlett Packard</b>	see Agilent Technologies			
<b>Hitachi-Merck</b> HPLC-Detector	100-10, 100-30, 100-60	DO 946	56069136	
	124	DO 946	56069136	
	150-20	DO 946 J	56069144	
	200, 300, 330, 340	DO 946 J	56069144	
	556, 557	DO 946 J	56069144	
	L-2500, 3000, 4000	DO 651 MJ	45000416	
	L-4200, 4225, 4250, 4500	DO 651 MJ	45000416	
	<b>L-7400UV, 7400UV/Vis</b>	<b>DO 655 J</b>	<b>80002154</b>	
	<b>L-7420, 7450A, 7455</b>	<b>DO 655 J</b>	<b>80002154</b>	
	Spectrophotometer	U-1000, 1100, 2000, 2001	DO 946 J	56069144
U-3010, 3210, 3310, 3410		DO 946 J	56069144	
U-3501, 4000, 4001,		DO 946	56069144	
655A22				

Explanations: J = pre-aligned; T = Timer; **DX = 2000** hours lifetime; **NEW**

Manufacturer	Instrument Model	Lamp Type	Part No.	
<b>JASCO</b>	Uvidec 4D	DO 946	56069136	
	Uvidec 100 III, 100 IV, 100 V	DO 902	56069127	
	Uvidec 100 VI, 430, 610, 650	DO 902	56069127	
	Multi 320	DO 902	56069127	
	<b>870, 875, 975 (A-Series)</b>	<b>DS 222</b>	<b>80007167</b>	
<b>Kontron</b>	see BIO-TEK Instruments			
<b>LDC-Milton Roy (TSP)</b>	Spectro Monitor I, II, III	DO 901 T	56069126	
	Spectro Monitor D	DO 901 T	56069126	
	3100, 3200, 4100, 4200	DO 901 T	56069126	
<b>Linear</b>	201, 203, 204, 205, 206	DS 248 TJ	80004258	
<b>McPherson</b>	701, 707	DO 902	56069127	
<b>Merck</b>	see Hitachi-Merck			
<b>Mircromeritics</b>	785, 786	DO 902	56069127	
<b>Milton Roy</b>	see LDC			
<b>Perkin Elmer</b> UV-Vis Spectrometer	<b>Lambda 2, 5, 7, 9, 10, 11, 12</b>	<b>DO 650 TJ</b>	<b>80007103</b>	
	<b>Lambda 14, 15, 16, 17, 18</b>	<b>DO 650 TJ</b>	<b>80007103</b>	
	<b>Lambda Bio, 19, 20, 40, 800</b>	<b>DO 650 TJ</b>	<b>80007103</b>	
	<b>Lambda 900</b>	<b>DO 650 TJ</b>	<b>80007103</b>	
	<b>M55, 550, 551, 552, 552A</b>	<b>DO 650 TJ</b>	<b>80007103</b>	
	<b>M553, 559, 559A</b>	<b>DO 650 TJ</b>	<b>80007103</b>	
HPLC Detector	LC55, 55B, 65B, 65T, 75	DO 946	56069136	
	LC85B, 95, 135, 235	DO 946	56069136	
	141MC, 241MC, Integral 4000	DO 946	56069136	
	<b>LC480 PDA</b>	<b>DO 650 TJ</b>	<b>80007103</b>	
	Series 200 Diode Array Det.	DS 272 TJ	45002219	
<b>AAS</b>	<b>Model 1100(B), 2100, 4100</b>	<b>DO 812 TJ</b>	<b>80002783</b>	
<b>PE-Hitachi</b>	200, 320, 330, 340, 556, 557	DO 946 J	56069136	
<b>Pye-Unicam</b> (Thermo Spectronic)	Helios instruments	DO 544 J	45006013	
<b>UV-Vis Spectrometer</b>	<b>UV Series UV1, UV2, UV3</b>	<b>DO 544 J</b>	<b>45006013</b>	
<b>Saitron</b>	Monospec B	DO 802	56069695	
<b>Shimadzu</b> Spectrophotometer	CS-920, CS-930, CS-9000	DO 405 J	56066930	
	MPS-2000, D300L	DO 405 J	56066930	
	UV-120, 120-01, 120-02	DO 405 J	56066930	
	UV-140, 150, 160, 160A	DO 405 J	56066930	
	UV-180, 190, 200, 202, 210	DO 405 J	56066930	
	UV-210A, 240, 250, 260	DO 405 J	56066930	
	UV-265, 350, 360, 365, 370	DO 405 J	56066930	
	UV-1200 Series, 1600 Series	DO 405 J	56066930	
	UV-2100 Series	DO 405 J	56066930	
	<b>AAS</b>	AA-670, 670G	DO 405 J	56066930
<b>HPLC</b>	SPD-10A, SPD-10AV	DS 250/05 J	45006152	
	<b>SPD-10A, SPD-10AV</b>	<b>DX 250/05 J</b>	<b>80003115</b>	
	<b>SPD-M10Avp</b>	<b>DS 243/05 J</b>	<b>80007099</b>	
<b>SunChrom</b>	Spectra Flow 600DAD	DS 275/05 J	45006223	
	<b>Spectra Flow 501</b>	<b>DX 250/05 J</b>	<b>80003643</b>	
<b>Thermo Spectronic</b>	see Pye-Unicam			
<b>TSP</b> HPLC Detector	SP 8200, 8400, 8440	DO 902 T	56069125	
	SP 8450, 8490	DO 902 T	56069125	
	SP100, 200	DS 248 TJ	80004258	
	UV-100, 150, 200	DS 248 TJ	80004258	
	UV-1000, 2000	DS 248 TJ	80004258	
	Focus	DS 248 TJ	80004258	
	UV 6000 LP	DS 252/05 TJ	45006227	
	<b>TSP (LDC)</b>	see LDC / Milton Roy		
	<b>Tracor</b>	Model D 970A	DO 902	56069127
	<b>Turner</b>	Model 330, 430	DO 902	56069127
<b>Unicam</b>	see Pye Unicam			
<b>Varian</b> HPLC	<b>Vista 5000, Vista 5500</b>	<b>DS 228/05 TJ</b>	<b>80003865</b>	
	<b>UV-50, 100, 200,</b>	<b>DS 228/05 TJ</b>	<b>80003865</b>	
	<b>ProStar 310, Star 9050</b>	<b>DS 228/05 TJ</b>	<b>80003865</b>	
<b>Waters</b> HPLC	Lambda Max	DO 903 T	56069329	
	480LC, 481, 481LC	DO 903 T	56069329	
	484	DS 223 TJ	56071264	
	486	DO 610/05 RTJ	45006247	
	990, 991, 994 PDA	DO 652/05 TJ	45002323	
	996 PDA	DS 247/05 TJ	45000006	
	2487 dual $\lambda$	DS 225/05 J	45006251	
<b>Zeiss</b>	PM6, PMQ II, PMQ III, M4Q3	H 30 DS	56001629	
	SPEKOL 1100, 1200	DS 249 TJ	56070646	
	SPEKOL UV/Vis	DS 249 TJ	56070646	
	SPEKORD S5 UV/Vis	DS 249 TJ	56070646	
	SPEKORD S10 UV/Vis	DS 249 TJ	56070646	
	M 500	DS 249 TJ	56070646	

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