

Spektrallampen

Spectral lamps



High quality lamps

- Deuteriumlampen
- DURANIUM® D2-Lampen
- Xenonlampen
- Wolframlampen

- Deuterium lamps
- DURANIUM® D2 lamps
- Xenon lamps
- Tungsten lamps



Spektrallampen

Spectral lamps

Unsere Deuteriumlampen unterliegen strengsten Qualitätsanforderungen und ständiger Kontrolle. Jede justierte Lampe wird mit einem individuellen Zertifikat geliefert. Mehr als 20 Jahre Erfahrung in der Fertigung und Justierung garantieren Ihnen die optimale Lampe für Ihr Gerät. Die Realisierung kundenspezifischer Anforderungen ist möglich.

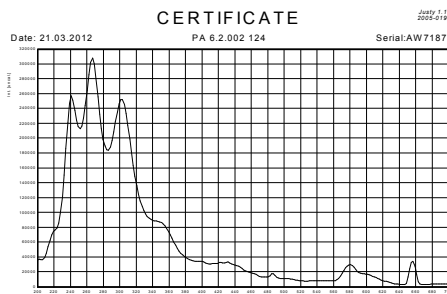


- 1000 Stunden Vollersatz-Garantie
- Umfangreichstes Produktspektrum am Markt
- High Quality Produkt mit sehr gutem Preis-/Leistungsverhältnis
- Nahezu jede Lampe hat einen elektronischen Betriebsstundenzähler (RoHS konform)



- 2000 Stunden Vollersatz-Garantie
- 30% höhere Intensität gegenüber Standardlampen
- Bessere Basislinienstabilität (geringeres Rauschen, weniger Drift)
- Exzellente thermische Eigenschaften durch Keramikstruktur
- Top-Qualität zum Spitzenpreis

Justage-
protokoll /
Alignment
Certificate



Produktübersicht

- Allgemeines Zubehör für die Chromatographie
- Geräte für die Flüssigkeitschromatographie
- Geräte für das Liquidhandling
- Verbrauchsmaterial und Ersatzteile für die LC
- Verbrauchsmaterial und Ersatzteile für die GC
- Verbrauchsmaterial für AAS
- Verbrauchsmaterial und Ersatzteile für die Photometrie

Vertriebspartner

- Agilent Technologies
- Hamilton
- Optimize Technologies
- Rheodyne
- SGE

Service

- Reparaturen und Wartungen
- (Re)-Kalibrierungen
- Validierungen (LC,GC,Photometrie)

Our deuterium lamps are subject to rigorous quality checks and are delivered with an individual certificate. Experience of more than 20 years in pre-alignment and manufacturing ensures the ideal lamp for your instrument. Customized specifications are feasible on request.



- 1000 hour lifespan guarantee
- Most comprehensive product range
- High quality lamps with excellent value for money
- Nearly every lamp has an electronic timer (RoHS compliant)



- 2000 hour lifespan guarantee
- 30% higher intensity
- Higher baseline stability (limited noise, less drift)
- Excellent thermal features due to the ceramic structure
- Top quality for excellent price

Portfolio

- General supplies for chromatography
- Instruments for LC
- Devices for Liquid Handling
- Consumables and spare parts for LC
- Consumables and spare parts for GC
- Consumables for AAS
- Consumables and spare parts for photometers

Partners

- Agilent Technologies
- Hamilton
- Optimize Technologies
- Rheodyne
- SGE

Services

- repair and maintenance
- calibration service
- validation (LC,GC,photometry)

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Spektrallampen Spectral lamps



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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ABI

see Applied Biosystems

Abimed

112	092084		
115	192399		
116	192399		
117	192399		
118	192400		
119	192400		
155	192400		
Holochrome	192039		
Spectrochrome	092029		

A.C.S.

LC750/11	092045		
LC750/12	092045		

Agilent Technologies

1040	192883		
1046			194846 (Xe)
1047A			194802 (vis)
1050 DAD	192883	292883	
1050 WWD (A-Series)	092853	292725	
1050 MWD	192883	292883	
1080, 1081, 1081B, 1084B	092009		
1090	192883	292883	
1100 WWD	192886	292886	
1100 DAD	192885	292885	194885 (vis)
1100 MWD	192885	292885	194885 (vis)
1100 CE	192887	292887	
1200 WWD	192886	292886	
1200 DAD	192885	292885	194885 (vis)
1200 MWD	192885	292885	194885 (vis)
1260 / 1290 Infinity DAD		292888	
79853A WWD (A-Series)	092853	292725	
79853C WWD (C-Series)	192883	292883	
8452A	192804	194804 (vis)	
8453	192853		292853



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Altex

100	092044		
155	092051		
163	092084		
164	092016		
165	092016		
166	192205	292205	
167	092016		

Analytik Jena

see Zeiss

Aminco

DW2	092033		
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Applied Biosystems

15X	092026	292026	
120A, 130A	092026	292026	
230A	092026	292026	
270A	092026	292026	
471A	092026	292026	
1000S	092416		
SF 757	092026	292026	094126 (vis)
SF 759A	092026	292026	094126 (vis)
SF 770	092026	292026	
SF 773	092026	292026	094126 (vis)
SF 783, SF 783A	092026	292026	094126 (vis)
SF 785A	092026	292026	094126 (vis)
SF 970	092026	292026	
SF 980	092026	292026	094126 (vis)

BAI

see Applied Biosystems

Barspec

401	092044		
488	092044		

BAS

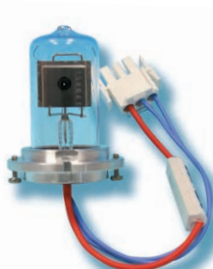
200	192141		195200 (vis)
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092084



192883



192885



192886



192399

Spektrallampen Spectral lamps



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Bausch & Lomb

(see also LDC-Milton Roy)			
200	092042		
700	092042		
710	092042		
2000	092042		
DE50	092042		
Genesis 5	092042		
Spectronic 20 (D)			094046 (vis)
Spectronic 21 (D)	092042		094045 (vis)
Spectronic 601	092042		
Spectronic 1001	092042		
Spectronic 1201	092042		

BIO-TEK

see Kontron			
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Beckman

24, 25, 26, 100	092043		
155	092051		
163	092084		
165	092016		
167	092016		
166	192205	292205	194205 (vis)
168	192105	292105	
5200	092016		
DU 6	092016		094860 (vis)
DU 7	092016		094860 (vis)
DU 8	092016		094860 (vis)
DU 40	092016		
DU 50	092016		
DU 60			094360 (vis)
DU 62			094360 (vis)
DU 64			094360 (vis)
DU 65			094360 (vis)
DU 68			094360 (vis)
DU 70	192305		094360 (vis)
DU 500	192361		
DU 520	192361		
DU 530	192361		
DU 600	192308		094360 (vis)
DU 620	192308		



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Fortsetzung Beckmann

DU 630	192308		
DU 640	192308		094361 (vis)
DU 650	192308		094360 (vis)
DU 800	192308		094360 (vis)
DU 7000	192308		094360 (vis)
DU 7400	192308		094360 (vis)
DU 7500	192308		094360 (vis)
P/ACE 2000	192307	292307	
P/ACE 5000	192306		
P/ACE 5010	192306		
P/ACE 5500	192306		
P/ACE 5510	192306		
P/ACE MDQ	192309		

BESTA

SPD-6A(V)	092620	292620	094605 (vis)
Vario 600	092725		
Vario 700	092725		

Biorad

1305	092055		
1306	092055		
1706 / 1806	092725		
Remedi	292056		
MDL 1790 / 1801	192141		195200 (vis)

Biotronic

BT3030	092055		
BT3035	092051		
BT8200	092725		
BT9510	192141		195200 (vis)
BT9520	192141		195200 (vis)

Bischoff

Lambda 1000 / 1010	192006	292006	
DAD3L	292006		
SPD-6A(V)	092620	292620	094605 (vis)

Büchi

Ultraspec	192122		
C-635	192714		



192308



192307



192105



092026



192305



194885

Spektrallampen Spectral lamps



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Camag

TLC-Scanner II (w/Holder)	192004		094004 (vis)
TLC-Scanner II (wo/Holder)	092004		094004 (vis)
TLC-Scanner III	192005	292005	094005 (vis)

Carlo Erba

SP601	092032		
UV VIS 20	192141		195200 (vis)
Other Instruments	092033		

Coleman

55	092044		
124	092044		
550	092044		
552	092044		

Colora

(see also Hitachi)			
SPC 300			194210 (vis)

Cecil

Serie 2	092059		
CE 1xxx	092059		
CE 2xxx	092059		
CE 5xxx	092059		
CE 6xxx	092059		
CE 7xxx	092059		
CE 8xxx	092059		
CE 9xxx	092059		

Desaga

CD60	092028		
TLC (254nm)			094254 (UV)
TLC (364nm)			094364 (UV)

Dionex

CES I, CZE	192107	292107	
DSA-1	192141		195200 (vis)
PDA-100, AD-25	192109	292111	194109 (vis)
SP6	092620	292620	094605 (vis)
UVD 160-2, UVD 170S	192204	292204	
UVD 320, UVD 340S	192204	292204	
UltiMate DAD 3000	192109	292111	
UltiMate WVD 3000	192110	292110	194110 (vis)



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Fortsetzung Dionex

UltiMate WVD 3100	192110	292110	194110 (vis)
UltiMate WVD 3400-RS	192110	292110	194110 (vis)
Ultimate UVD 3000	192714		
VDM-1	192141		
VDM-2	192107	292107	

Dr. Bruno Lange

see Lange			
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Dupont

825	092044		
837	092084		
850	092044		
852	092084		
860, 862	092072		
870	092066		

DURATEC

S3200, S3201	192141		195200 (vis)
S3205, S3206	192141		195200 (vis)
DDT-3200	926200-102		926200-103
SPD 6A(V)	092620	292620	094605 (vis)

Eppendorf

(see also Biotronic)			
1101 M			094610 (Hg)

ERC

see Erma and Soma			
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Erma

7210	092044		
7211	092044		
7215	192750		
7217	192751		
7510			194815 (vis)
7511			194815 (vis)
7512			194816 (vis)
7515			194816 (vis)

GAT

LCD 500	192141		195200 (vis)
LCD 502	192141		195200 (vis)



092620



092725



192006



192122



192714

Spektrallampen Spectral lamps



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Fortsetzung GAT

LCD 603	192141		195200 (vis)
LCD 550	192141		195200 (vis)
PFD 301			194141 (Xe)
PHD 601	192141		

Gilford

200	092084		
220	092084		
222	092084		
230	092084		
240	092084		
250	092084		
252	092084		
260	092084		
2000	092084		
2400	092084		
2600	092084		
Response	092044		

Gilson

112	092084		
115, 116, 117	192399		
118, 119	192400		
151, 152	192400		
153, 154	192400		
155, 156	192400		
160	192400		
170	192885	292885	194885 (vis)
Holochrome	192039		
Spectrochrome	092029		

Gynkotek

SP6	092620	292620	094605 (vis)
UVD 160-2	192204	292204	
UVD 170 S	192204	292204	
UVD 320	192204	292204	
UVD 340 S	192204	292204	

Hach

DR/4000 U	192137		
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Hewlett-Packard

see Agilent Technologies			
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Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Hitachi / Merck

100-10, 100-30	092049		
100-40	092049		094862 (vis)
100-50	092049		
100-60	092049		094862 (vis)
101	092051		
102	092051		
111	092051		
124	092049		
150-20	192049		094861 (vis)
181	092043		
200	192049	292049	
300	192049	292049	
330	192049	292049	
340	192049	292049	
655A22	192049	292049	
2000	192049	292049	
3200	192049	292049	
F1000			260021 (Xe)
F1050			260021 (Xe)
F2000			260021 (Xe)
F3000			260021 (Xe)
L2400, L2420	192049	292049	094866 (vis)
L2450, L2455	192049	292049	094866 (vis)
L2500	192049	292049	
L3000	192049	292049	
L4000	192049	292049	
L4200, L4250	192049	292049	
L4500	192049	292049	
L7000	192049	292049	
Chromaster 5410, 5420	192049	292049	
Chromaster 5430	192049	292049	
LaChrom L7400, L7420	192049	292049	
LaChrom L7450 DAD	192049	292049	
LaChrom L7455 DAD	192049	292049	
LaChrom L7480	192049	292049	
U1000, U1100, U1500	192049	292049	094860 (vis)
U1800	192051		
U1900	192052		094052 (vis)
U2000	192049	292049	094860 (vis)
U2001	192049	292049	094860 (vis)
U2800, U2810	192051		
U2900, U2910	192052		094052 (vis)
U3010	192049	292049	094860 (vis)
U3210, U3410	192049	292049	094860 (vis)
U3501	192049	292049	094860 (vis)
U3900(H)	192052		094052 (vis)
U4001, U4010	192049	292049	094860 (vis)



192109



192204



092084



092620



192750



192049

Spektrallampen Spectral lamps



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Hi-Tech

Stop Flow	092013		
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IBM

LC-Detectors	092084		
Photometers	092055		

Isco

1800	092001		
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Jasco

870	092725	292725	
875	092725	292725	
970	192726	292726	
975 (A-Series)	092725	292725	
975 (B- and C-Series)	192726	292726	
7800		292727	
7850		292727	
Fluorescence detector J715			260021 (Xe)
Multi 320	092055		094055 (Xe)
RI-930 / RI-1530			194426 (vis)
Polarimeter P-1010			094361 (vis)
UV1570 / UV1575	192726	292726	
UV2070 / UV2075	192726	292726	
Uvidec 4D	092044		
Uvidec 100	092051		
Uvidec 100 II	092051		
Uvidec 100 III	092055		
Uvidec 100 IV	092055		
Uvidec 100 V	092055		
Uvidec 100 VI	092055		
Uvidec 320 / 340	092051		
Uvidec 420	092051		
Uvidec 430	092055		
Uvidec 505 / 510	092051		
Uvidec 610 / 650	092055		
Uvidec 710	092051		
V500, V530, V550, V560		292727	094025 (vis)
V650, V660, V670		292727	094025 (vis)

Jobin Yvon

Monospec 103	092033		
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Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Joyce Loebel

Chromoscan	092033		
Scan 400	092084		

Kartek

K95	092076		
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Knauer

Dual-Detektor UV Photometer			094636 (Hg)
87.00	192120	292120	194636 (Hg)
97.00	192120	292120	
2151	192120	292120	
K-2650	192714		
WellChrom K-2000/2001	192714		
WellChrom K-2500/2501	192714		
WellChrom K-2600/2700	192714		
WellChrom K-2850	192713	292713	
PDA 2800, PDA 2850	192713	292713	
Smartline 2500, 2600	192714		
Smartline 2520, 2550	192716		
AZURA UVD2.1L	192716		
AZURA UVSD2.1S	192716		

Kontron

Fluorescence detector			260021 (Xe)
330	192312	292312	
332	192312	292312	
430	192312	292312	194430 (vis)
430A	192312	292312	194430 (vis)
432	192312	292312	194430 (vis)
440 DAD	192132		
535		292312	
540 DAD	192314	292314	
545V DAD	192314	292314	
710	092084		094860 (vis)
70	092084		094860 (vis)
715	092084		
720	092084		094860 (vis)
810 / 810P	092084		094860 (vis)
820	092084		094860 (vis)
860	092084		094860 (vis)
922	092084		
Uvikon 600	092084		
Uvikon 700	092084		



092620



192204



192399



260021



192122

Spektrallampen Spectral lamps



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Fortsetzung Kontron

Uvikon 710	092084		
Uvikon 720	092084		094860 (vis)
Uvikon 720LC	092084		
Uvikon 722	092730		
Uvikon 725	092044		
Uvikon 730	092730		094860 (vis)
Uvikon 730LC	092730		
Uvikon 800	092084		
Uvikon 810	092084		094860 (vis)
Uvikon 820	092084		094860 (vis)
Uvikon 860	092084		094860 (vis)
Uvikon 922	192304		094304 (vis)
Uvikon 923	192304		094304 (vis)
Uvikon 930	192304		094304 (vis)
Uvikon 931	192304		094304 (vis)
Uvikon 940	092084		094304 (vis)
Uvikon 941	092084		094304 (vis)
Uvikon 942	092084		094304 (vis)
Uvikon 943	092084		094304 (vis)
Uvikon XS (wo/holder)	092303		
Uvikon XS (w/holder)	192303		
Uvikon XL (wo/holder)	092303		
Uvikon XL (w/holder)	192303		

Kratos

see Applied Biosystems			
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Kronlab

UV/vis 2.5	192714		
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Lange

Cadas 100	192138		094138 (vis)
Cadas 200	192139		094138 (vis)
DR/4000 U	192137		
LP1W, LP2W			194099 (vis)
LKT			194099 (vis)
LS500	192138		

LATEK

Spectrometer I, II, III	092084		
Spectrometer D	092084		
VISI-6	092620	292620	094605 (vis)
VISI-DUO	192141		195200 (vis)



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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LC-Packings

UltiMate	192714		
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LDC-Milton Roy (TSP)

see also Bausch&Lomb			
3100	092084		
3200	092084		
4000	092084		
4100	092084		
4200	092084		
5000 (PDA)*	192181		
Spectromonitor I	092084		
Spectromonitor II	092084		
Spectromonitor III	092084		
Spectromonitor D	092084		
Spectronic 3000	092085		
UV-Monitor II			094301 (Hg)
UV-Monitor III			094301 (Hg)

Linear

200	192141		195200 (vis)
201	192141		195200 (vis)
203	192141		195200 (vis)
204	192141		195200 (vis)
205	192141		195200 (vis)
206	192141		195200 (vis)

LKB-Pharmacia

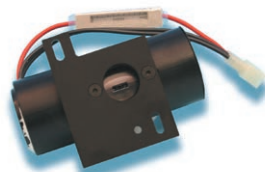
2140 *	092340		
2141 *	092341		
2151	192120	292120	
2251	192006	292006	
4050	092342		
4060	192123		
Åkta Explorer *			194122 (Xe)
Novaspec			094122 (vis)
Ultraspec I	192122		094122 (vis)
Ultraspec II	192122		094122 (vis)
Ultraspec III	192122		094122 (vis)
Ultraspec 1000	**192124		094124 (vis)
Ultraspec 2000	**192124		094124 (vis)
Ultraspec 3000	**192124		094124 (vis)

* Althalter notwendig / old holder required

** D2- und vis-Lampe im Halter / D2 and vis lamp assembly



192120



192141



092725



192726



192714

Spektrallampen Spectral lamps



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Merck

see Hitachi/Merck

Micromeritics

785, 786

092046

Milton-Roy

see LDC and Bausch&Lomb

Nicolet

Evolution 100 / 500

192149

094760 (vis)

PerkinElmer

AAnalyst 100, 300	192144		
AAnalyst 200, 400	192142		
AAnalyst 600,700,800	192720		
AAS 1100, 1100B	192720		
AAS 2100	192720		
AAS 3100	192144		
AAS 3110	192144		
AAS 3300	192144		
AAS 4100	192720		
AAS 3030	092720		
EZ150, EZ201, EZ210	192049		194710 (vis)
Integral 2000	092044		
Integral 4000	092044		
Lambda 1	192147		194710 (vis)
Lambda 2	192143		194710 (vis)
Lambda 3	192147		194710 (vis)
Lambda 5	192143		194710 (vis)
Lambda 7	192143		194710 (vis)
Lambda 9	192143		194710 (vis)
Lambda 10, 11, 12	192143		194710 (vis)
Lambda 14, 15, 16	192143		194710 (vis)
Lambda 17, 18, 19	192143		194710 (vis)
Lambda 20, 25	192143		194710 (vis)
Lambda 30, 35	192143		194710 (vis)
Lambda 40, 45	192143		194710 (vis)
Lambda 650, 800	192143		194710 (vis)
Lambda 900, 950	192143		194710 (vis)
Lambda Array 3840	092056		
Lambda Bio, Bio+	192143		194710 (vis)
LC 55, 55B	092044		
LC 65T	092044		
LC 75	092044		



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Fortsetzung PerkinElmer

LC 85, 85B	092044		
LC 90	192740		
LC 95	092044		
LC 135	092044		
LC 235	092044		
LC 290	192740	292740	
LC 295	192739		
LC 480	192143		
M 550	092050		
M 550S	192073		
M 551	092050		
M 551S	192073		
M 552 up to S/N 2030	092050		
M 552 from S/N 2030	192073		
M 554	192073		
M 555	092050		
Series 200 UV/vis	092026	292026	094126 (vis)
Series 200 DAD	192072		
Series 200 Fluoresc.			094072 (Xe)
272	092057		
280	092057		
360	092057		
370	092057		
372	092057		
373	092057		
380	092057		
400	092054		
410	092054		
420	092054		
430	092054		
460	092057		
550 SE	192073		194730 (vis)
2280	092057		
2380	092057		
4000	092057		
5000, 5100 (PC)	092057		

PE-Hitachi

200	192049	292049	
320, 330, 340	192049	292049	
556, 557	192049	292049	

Pharmacia

see LKB-Pharmacia

Philips

see Unicam



092084



192132



192304



192714



192314

Spektrallampen Spectral lamps



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Pye-Unicam

see Unicam			
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Rainin

UV-1			094041 (Xe)
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Saitron

Monospec B	092084		
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Shimadzu

AA-670, AA-6200	092600	292600	
AA-6300, AA-6500, AA-6800	092600	292600	
CS-920, CS-930, CS-9000	092600	292600	194620 (vis)
LC-2010, LC-2010HT	192619	292619	
RF-530			260019 (Xe)
RF-535, RF-551			260021 (Xe)
RF-10A			260021 (Xe)
SPD-2A	092620	292620	
SPD-6A	092620	292620	
SPD-6AV	092620	292620	094605 (vis)
SPD-10A	192618	292618	
SPD-10Avp	192618	292618	
SPD-10AV	192618	292618	094619 (vis)
SPD-10AVvp	192618	292618	094619 (vis)
SPD-M10Avp	192618	292618	094618 (vis)
SPD-M10A	192617		
SPD-M10AV	192617		
SPD-20A	192618	292618	
SPD-20AV	192618	292618	094619 (vis)
SPD-M20A	192618	292618	094618 (vis)
UV-120	092600	292600	194620 (vis)
UV-150 / UV-150-2	092600	292600	194620 (vis)
UV-160 / UV-160A	092600	292600	094860 (vis)
UV-240	092600	292600	094860 (vis)
UV-250, UV-260	092600	292600	
UV-365, UV-625	092600	292600	
UV-1200 Series	092600	292600	094605 (vis)
UV-1600 Series	092600	292600	094860 (vis)
UV-1700 Series	092600	292600	094605 (vis)
UV-1800 Series	092600	292600	094605 (vis)
UV-2100	092600	292600	094860 (vis)
UV-2401PC, UV-2501PC	092600	292600	094860 (vis)
UV-2600, UV-2700	092600	292600	094860 (vis)
UV-3000, UV-3100	092600	292600	094860 (vis)
UV-3600, UV-3700	092600	292600	094860 (vis)



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Sigma

ZWS11	092084		
NA3 Analyzer	092086		

Soma

S 3110	192740	292740	
S 3120	192740	292740	
S 3702	192740	292740	
S 3710	192739		

Spectra Physics

see Thermo and LDC			
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Sunchrom

Spectra Flow 500	192141		195200 (vis)
Spectra Flow 501		292715	

Sykam

S 3200	192141		195200 (vis)
S 3201	192141		195200 (vis)
S 3205	192141		195200 (vis)
S 3206	192141		195200 (vis)
S 3210	192145	292145	
S 3240	192145	292145	
S 3300	092620	292620	

Thermo

CE 100	192141		
CE 500	192141		
CE 1000	192141		
CE 2000	192141		
FL2000, FL3000			194141 (Xe)
Focus (2000)	192141		195200 (vis)
LC304			194141 (Xe)
Linear 200	192141		195200 (vis)
Linear 201	192141		195200 (vis)
Linear 203	192141		195200 (vis)
Linear 204	192141		195200 (vis)
Linear 205	192141		195200 (vis)
Linear 206	192141		195200 (vis)
SP100	192141		195200 (vis)
SP200	192141		195200 (vis)
SP770	092026		
SP970	092026		



092620



094761



092341



192120



192312

Spektrallampen Spectral lamps



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Fortsetzung Thermo

SP8200	092084		
SP8400	092084		
SP8440	092084		
SP8450	092084		
SP8480	092026		
SP8490	092084		
SP8773(XR)	092026		
Surveyor	192140		094140 (vis)
UV-100	192141		195200 (vis)
UV-150	192141		
UV-200	192141		
UV-1000	192141		195200 (vis)
UV-2000	192141		195200 (vis)
UV-3000	192141		
UV-6000 LP, Accela PDA	192140	292140	194140 (vis)

Turner

330	092084		
430	092084		

Unicam

4020	092003		
4021	092047		
4025	092003		
4110	092014		
ICE 3000-Series	192031		
ICE M-Series	192031		
Helios Alpha	192149		194761 (vis)
Helios Beta	192149		094762 (vis)
Helios Delta	192149		094762 (vis)
Helios Gamma	192149		094762 (vis)
Helios Epsilon	192149		
LC3	092003		
LC/UV	092003		
S4	192031		
Solaar 929	092025		
Solaar 939	092025		
Solaar 959	092025		
Solaar 969	092025		
Solaar M5, M6	192030		
SP6, SP192, SP600	092021		
SP1960	092021		
SP6400, SP6450	092021		



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Fortsetzung Unicam

SP30UV	092012		
SP700	092012		
SP800	092012		
SP1700	092012		
SP1750	092012		
SP1800	092012		
SP8000	092012		
SP8100	092012		
SP8800	092012		194762 (vis)
SP500	092001		
SP8150, PU8150	092062		
SP8200, PU8200	092062		
SP8400, PU8400	092062		
SP8600, PU8600	092062		194062 (vis)
SP8620, PU8620	092063		194062 (vis)
SP8625, PU8625	092063		194062 (vis)
SP8650, PU8650	092062		194062 (vis)
SP8675, PU8675	092062		194062 (vis)
SP8450, PU8450	092024		
SP8700, PU8700	092024		
SP8710, PU8710	092024		
SP8720, PU8720	092024		194062 (vis)
SP8730, PU8730	092024		194062 (vis)
SP8745, PU8745	092024		
SP8750, PU8750	092024		
UV1	192149		194761 (vis)
UV2, UV3	192149		094760 (vis)
UV4, UV5	192149		094760 (vis)
UV300	192149		094760 (vis)
UV500, UV550	192149		094760 (vis)

Varian

AA 275	092058		
AA 400	092058		
AA 475	092058		
AA 775	092058		
AA 875	092058		
AA 975	092058		
AA 1275	092058		
AA 1475	092058		
AA 3000	092058		
Cary 1	092916		094804 (vis)
Cary 50	092916		094805 (vis)



092026



192049



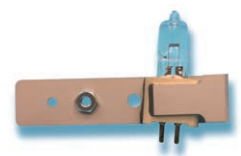
192143



192720



192740



194710

Spektrallampen Spectral lamps



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Fortsetzung Varian

Cary 100	092916		094804 (vis)
Cary 210	092084		
Cary 219	092084		
Cary 300	092916		094804 (vis)
Cary 400	092916		094805 (vis)
Cary 500	092916		094805 (vis)
Cary 2200	092084		
Cary 2300	092084		
Cary 4000, 5000, 6000i	192917		
ProStar 310	192118	292118	
ProStar 320			094041 (Xe)
ProStar 325	192117	292117	194117 (vis)
ProStar 330 PDA		292119	
ProStar 335	192117	292117	194117 (vis)
ProStar 340	192141		
ProStar 345	192141		
ProStar 363			260021 (Xe)
SpectrAA 10	092058		
SpectrAA 20	092058		
SpectrAA 30	092058		
SpectrAA 40	092058		
SpectrAA 220	092058		
SpectrAA 240	092916		
SpectrAA 250	092916		
SpectraAA 300	092058		
SpectraAA 880	092058		
UV Super Scan	092058		
UV10	092033		
UV50, UV100, UV200	192118	292118	
UV634, UV635	092051		
Vista 5000, 5500	192118	292118	
75 Series	092058		
2050	092055		
2550	092725	292725	
9050	192118	292118	
9065	192038		
9070			194008 (Xe)



Manufacturer Model	D2 lamps P/N	DURANIUM D2 lamps P/N	Xe/Hg/vis lamps P/N
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Waters

Alliance 2487, 2488	192334	292334	
Alliance 2489	192334	292334	
LC-Module 1	192148		
450	192026		
470 **			260021-UXL (Xe)
474 **			260021-UXL (Xe)
480, 481, 481 AZ	092084		
484	192146		
486	192148	292148	
990, 991	192132		
994	192132		
996, 2996	192333	292333	

Zeiss

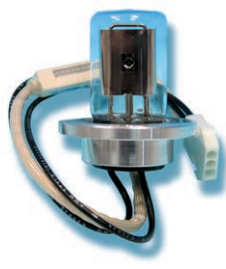
CLD 300 *	192128		
CLD 500	192127		
CX 75 *			194129 (Xe)
DM 4	092130		094815 (vis)
DMR 10	092130		094818 (vis)
DMR 21	092130		094818 (vis)
DMC 25	092130		094818 (vis)
ELKO II			094816 (vis)
M 500	192129		094128 (vis)
PM 6	092130		094815 (vis)
PM 7	092130		094815 (vis)
PM 2 (DLC)	092130		194740 (vis)
PMQ II	092130		094818 (vis)
PMQ III	092130		094818 (vis)
Specol UV/MS	192129		094817 (vis)
Specord S5 (UV/vis)	192129		094817 (vis)
Specord S10 (UV/vis)	192129		094817 (vis)
Specord S100 (UV/vis)	192129		094817 (vis)
Specord 40	192129		094817 (vis)
Specord 50	192129		094817 (vis)
Specord 200, 205	192129		094128 (vis)
Specord 210, 250	192129		094128 (vis)
Spekol 1100	192129		094817 (vis)
Spekol 1200	192129		094815 (vis)
Spekol 1300	192130		094815 (vis)
Spekol 1500	192130		
Spekol 2000	192130		

* Althalter notwendig / old holder required

** D2- und vis-Lampe im Halter / D2 and vis lamp assembly



192714



192618



092620



292600



292618



192149

P/N	Seite Page	P/N	Seite Page	P/N	Seite Page	P/N	Seite Page
092001	8, 12	094072	10	192146	13	194885	7
092003	12	094122	9	192148	13	195200	4, 5, 6, 9, 11, 12
092009	4	094124	9	192149	10, 12	260019	11
092012	12	094126	4, 10	192181	9	260021	8, 11, 13
092014	12	094129	13	192204	6, 7	292005	6
092015	4	094140	12	192205	4, 5	292006	5, 9
092016	4, 5	094301	9	192303	9	292026	4, 10
092024	12	094304	9	192304	9	292049	7, 10
092025	12	094360	5	192305	5	292056	5
092026	4, 10, 11	094361	5	192306	5	292107	6
092027	6	094605	5, 6, 7, 9, 11	192307	5	292117	13
092028	6	094610	6	192308	5	292118	13
092029	4	094618	11	192309	5	292119	13
092032	6	094636	8	192312	8	292120	8, 9
092033	4, 6, 8, 13	094760	10, 12	192314	8	292145	11
092042	5	094761	12	192333	13	292200	6
092043	5, 7	094804	12, 13	192334	13	292204	6, 7
092044	4, 6, 7, 8, 9, 10	094805	12, 13	192360	5	292205	4, 5
092045	4	094815	13	192361	5	292307	5
092046	10	094816	13	192399	4, 7	292312	8
092047	12	094817	13	192400	4, 7	292314	8
092050	10	094818	13	192617	11	292334	13
092051	4, 5, 7, 8, 13	094860	5, 8, 9, 11	192618	11	292600	11
092054	10	094861	7	192619	11	292618	11
092055	5, 8, 13	094862	7	192713	8	292619	11
092056	10	192004	6	192714	5, 8, 9	292620	5, 6, 7, 9, 11
092057	10	192005	6	192720	10	292715	11
092058	12, 13	192006	5, 9	192726	8	292725	4, 8
092059	6	192026	13	192740	10, 11	292726	8
092062	12	192038	13	192750	6	292727	8
092063	12	192039	4	192751	6	292740	10, 11
092066	6	192049	7, 10	192804	4	292853	4
092072	6	192072	10	192853	4	292883	4
092076	8	192073	10	192883	4	292885	4, 7
092084	4, 5, 6, 7, 8, 9, 11, 12, 13	192107	6	192885	4, 7	292886	4
092085	9	192109	6	192886	4	292887	4
092130	13	192117	13	192887	4	292888	4
092138	9	192118	13	194008	13	926200-102	6
092303	9	192120	8, 9	194062	12	926200-103	6
092340	9	192122	5, 9	194099	9		
092341	9	192123	9	194117	13		
092342	9	192124	9	194122	9		
092416	4	192127	13	194129	13		
092600	11	192128	13	194141	7, 11		
092620	5, 6, 7, 9, 11	192129	13	194205	5		
092720	10	192130	13	194430	8		
092725	5, 8, 13	192132	8, 13	194620	11		
092730	9	192137	7	194636	8		
092853	4	192138	9	194710	10		
092916	12, 13	192139	9	194730	10		
094004	6	192140	12	194740	13		
094005	6	192141	4, 5, 6, 9, 11, 13	194802	4		
094025	8	192142	10	194804	4		
094041	11, 13	192143	10	194815	6		
094045	5	192144	10	194816	6		
094046	5	192145	11	194846	4		

Betriebsstundenzähler Timer

Neuer Betriebsstundenzähler

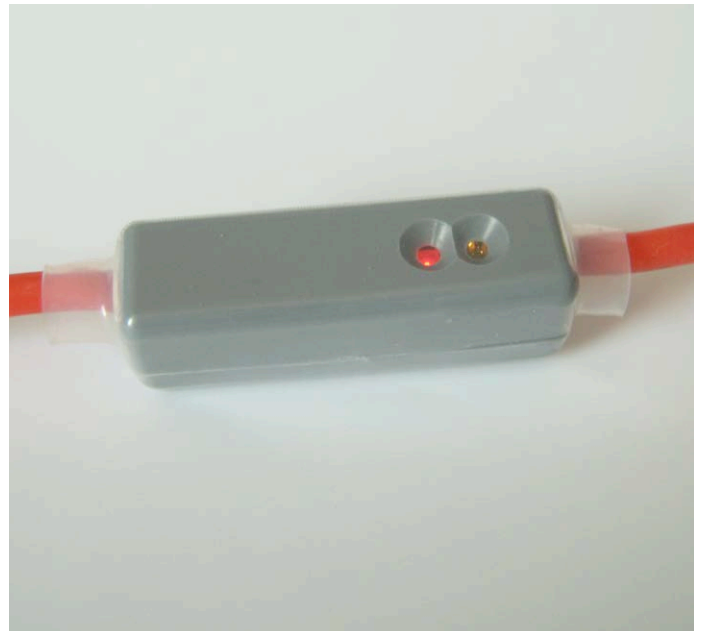
Unsere Deuteriumlampen werden mit unserem neu entwickelten Betriebsstundenzähler ausgestattet, sofern es die Einbausituation ermöglicht. Er ersetzt die alte, quecksilberhaltige Anzeige, ist RoHS-konform und wesentlich kompakter. Bei eingeschalteter Lampe zeigt eine rote LED über einen Blinkcode die Betriebsdauer an:

In den ersten 1.000 Betriebsstunden leuchtet die LED jeweils 0,5 Sekunden gefolgt von einer Pause von 7,5 Sekunden. Zwischen 1.000 und 2.000 Stunden ist die LED jeweils für 4 Sekunden an und anschließend 4 Sekunden aus. Hat die Lampe über 2.000 Betriebsstunden erreicht, leuchtet die LED jeweils 7,5 Sekunden gefolgt von einer Pause von 0,5 Sekunden.

New Timer

Our Deuterium lamps are equipped with our new developed timer, enough space in the detector provided. It replaces the old device with Mercury inside, is conform to RoHS and has a significantly compact size. While the lamp is on a red LED indicates the hours in use with a given blinking code:

The LED repeats ON for 0.5 seconds and OFF for 7.5 seconds within the first 1000 hours in operation. Between 1000 and 2000 hours the LED alternates 4 seconds ON and OFF respectively. After 2000 hours in use the LED turns ON for 7.5 seconds and OFF for 0.5 seconds.





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Stand 2013

