

Heraeus Hohlkathodenlampen

Element	Typ	Modell	Best.-Nr.	Gas	Fenster	max. Strom (mA)	empf. Strom (mA)	prim. Wellenlänge (nm)	PE-Adaptertyp	Preis
Aluminium	37 mm Standard	3QNY/AI	80082101	Ne	Quarz	10	8	309,3	C	173,00
	37 mm Standard (Low Current)	3QNYAL VC	80030969	Ne	Quarz	10	6	309,3		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/AI-SH	80013895	Ne	Quarz			309,3		205,00
	37 mm Thermo-Unicam kodiert	3QNY/AI-U	80013894	Ne	Quarz	10	8	309,3		205,00
	37 mm Varian kodiert	3QNY/AI-V	80079414	Ne	Quarz	10	8	309,3		205,00
	50 mm Standard	5QN/AI	80013896	Ne	Quarz	30	25	309,3		220,00
	50 mm PE AAnalyst kodiert	5QN/AI-A	80079714	Ne	Quarz	30	25	309,3		299,00
Antimon	37mm Standard	3QNY/Sb	80079136	Ne	Quarz	15	12	217,6	D	205,00
	37 mm Standard (Low Current)	3QNYSB VC	80032593	Ne	Quarz	10	4	217,6		341,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Sb-SH	80013921	Ne	Quarz			217,6		220,00
	37mm Thermo-Unicam kodiert	3QNY/Sb-U	80082004	Ne	Quarz	15	12	217,6		236,00
	37mm Varian kodiert	3QNY/Sb-V	80013899	Ne	Quarz	15	12	217,6		236,00
	50 mm Standard	5QN/Sb	80013922	Ne	Quarz	25	20	217,6		283,00
	50 mm PE AAnalyst kodiert	5QN/Sb-A	80014366	Ne	Quarz	25	20	217,6		362,00
Arsen	37 mm Standard	3QNY/As	80013924	Ne	Quarz	12	10	193,7	C	252,00
	37 mm Standard (Low Current)	3QNYAS VC	80032596	Ne	Quarz	10	6	193,7		426,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/As-SH	80013927	Ne	Quarz			193,7		268,00
	37 mm Thermo-Unicam kodiert	3QNY/As-U	80080535	Ne	Quarz	12	10	193,7		283,00
	37 mm Varian kodiert	3QNY/As-V	80013925	Ne	Quarz	12	10	193,7		283,00
	50 mm Standard	5QN/As	80013928	Ne	Quarz	18	18	193,7		331,00
	50 mm PE AAnalyst kodiert	5QN/As-A	80014367	Ne	Quarz	18	18	193,7		410,00
Barium	37 mm Standard	3BAX/Ba	80079290	Ar	Borosilikat	15	12	553,5	C	220,00
	37 mm Standard (Low Current)	3BAXBA VC	80032599	Ar	Borosilikat	15	6	553,5		284,00
	37 mm Smith-Hieftje (Self Reversal)	3BAX/Ba-SH	80013933	Ar	Borosilikat			553,5		236,00
	37 mm Thermo-Unicam kodiert	3BAX/Ba-U	80013932	Ar	Borosilikat	15	12	553,5		252,00
	37 mm Varian kodiert	3BAX/Ba-V	80013931	Ar	Borosilikat	15	12	553,5		252,00
	50 mm Standard	5BA/Ba	80013934	Ar	Borosilikat	30	25	553,5		252,00
	50 mm PE AAnalyst kodiert	5BA/Ba-A	80014381	Ar	Borosilikat	30	25	553,5		331,00
Beryllium	37 mm Standard	3QNY/Be	80082720	Ne	Quarz	15	12	234,9		346,00
	37 mm Standard (Low Current)	3QNYBE VC	80032612	Ne	Quarz	15	6	234,9		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Be-SH	80013939	Ne	Quarz			234,9		398,00
	37 mm Thermo-Unicam kodiert	3QNY/Be-U	80127974	Ne	Quarz	15	12	234,9		378,00
	37 mm Varian kodiert	3QNY/Be-V	80013937	Ne	Quarz	15	12	234,9		378,00
	50 mm Standard	5QN/Be	80013940	Ne	Quarz	30	20	234,9		410,00
	50 mm PE AAnalyst kodiert	5QN/Be-A	80014382	Ne	Quarz	30	20	234,9		473,00
Bismut (Wismut)	37 mm Standard	3QNY/Bi	80122308	Ne	Quarz	12	10	223,1	B	205,00
	37 mm Standard (Low Current)	3QNYBI VC	80032615	Ne	Quarz	15	3	223,1		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Bi-SH	80013945	Ne	Quarz			223,1		236,00
	37 mm Thermo-Unicam kodiert	3QNY/Bi-U	80013944	Ne	Quarz	12	10	223,1		236,00
	37 mm Varian kodiert	3QNY/Bi-V	80013943	Ne	Quarz	12	10	223,1		236,00
	50 mm Standard	5QN/Bi	80013946	Ne	Quarz	15	12	223,1		268,00
	50 mm PE AAnalyst kodiert	5QN/Bi-A	80014383	Ne	Quarz	15	12	223,1		346,00

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Element	Typ	Modell	Best.-Nr.	Gas	Fenster	max. Strom (mA)	empf. Strom (mA)	prim. Wellenlänge (nm)	PE-Adaptertyp	Preis
Blei	37 mm Standard	3QNY/Pb	80079139	Ne	Quarz	10	8	217	C	205,00
	37 mm Standard (Low Current)	3QNYPB VC	80032076	Ne	Quarz	10	2	217		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Pb-SH	80014090	Ne	Quarz					236,00
	37 mm Thermo-Unicam kodiert	3QNY/Pb-U	80079261	Ne	Quarz	10	8	217		236,00
	37 mm Varian kodiert	3QNY/Pb-V	80079403	Ne	Quarz	10	8	217		236,00
	50 mm Standard	5QN/Pb	80014091	Ne	Quarz	15	12	217		283,00
	50 mm PE AAnalyst kodiert	5QN/Pb-A	80014489	Ne	Quarz	15	12	217		362,00
Bor	37 mm Standard	3QNY/B	80078838	Ne	Quarz	15	12	249,8	D	220,00
	37 mm Standard (Low Current)	3QNYB VC	80032617	Ne	Quarz	15	8	249,8		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/B-SH	80013961	Ne	Quarz			249,8		252,00
	37 mm Thermo-Unicam kodiert	3QNY/B-U	80013960	Ne	Quarz	15	12	249,8		252,00
	37 mm Varian kodiert	3QNY/B-V	80013949	Ne	Quarz	15	12	249,8		252,00
	50 mm Standard	5QN/B	80013962	Ne	Quarz	30	25	249,8		268,00
	50 mm PE AAnalyst kodiert	5QN/B-A	80080151	Ne	Quarz	30	25	249,8		346,00
Cadmium	37 mm Standard	3QNY/Cd	80079625	Ne	Quarz	8	6	228,8	C	220,00
	37 mm Standard (Low Current)	3QNYCD VC	80031000	Ne	Quarz	10	2	228,8		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Cd-SH	80013967	Ne	Quarz			228,8		268,00
	37 mm Thermo-Unicam kodiert	3QNY/Cd-U	80079250	Ne	Quarz	8	6	228,8		252,00
	37 mm Varian kodiert	3QNY/Cd-V	80079602	Ne	Quarz	8	6	228,8		252,00
	50 mm Standard	5QN/Cd	80013968	Ne	Quarz	10	6	228,8		299,00
	50 mm PE AAnalyst kodiert	5QN/Cd-A	80079460	Ne	Quarz	10	6	228,8		378,00
Caesium	37 mm Standard	3BNX/Cs	80078736	Ne	Borosilikat	10	8	852,1	B	236,00
	37 mm Standard (Low Current)	3BNXCS VC	80032624	Ne	Borosilikat	8	6	852,1		569,00
	37 mm Smith-Hieftje (Self Reversal)	3BNX/Cs-SH	80013973	Ne	Borosilikat			852,1		268,00
	37 mm Thermo-Unicam kodiert	3BNX/Cs-U	80013972	Ne	Borosilikat	10	8	852,1		268,00
	37 mm Varian kodiert	3BNX/Cs-V	80013971	Ne	Borosilikat	10	8	852,1		268,00
	50 mm Standard	5BN/Cs	80013974	Ne	Borosilikat	10	8	852,1		268,00
Calcium	37 mm Standard	3QNY/Ca	80078792	Ne	Quarz	6	5	422,7	C	205,00
	37 mm Standard (Low Current)	3QNYCA VC	80031002	Ne	Quarz	10	3	422,7		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Ca-SH	80013979	Ne	Quarz			422,7		252,00
	37 mm Thermo-Unicam kodiert	3QNY/Ca-U	80013978	Ne	Quarz	6	5	422,7		236,00
	37 mm Varian kodiert	3QNY/Ca-V	80013977	Ne	Quarz	6	5	422,7		236,00
	50 mm Standard	5QN/Ca	80013980	Ne	Quarz	10	8	422,7		236,00
	50 mm PE AAnalyst kodiert	5QN/Ca-A	80079633	Ne	Quarz	10	8	422,7		314,00
Chrom	37 mm Standard	3QNY/Cr	80079203	Ne	Quarz	12	10	357,9	C	205,00
	37 mm Standard (Low Current)	3QNYCR VC	80032625	Ne	Quarz	10	4	357,9		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Cr-SH	80013989	Ne	Quarz			357,9		220,00
	37 mm Thermo-Unicam kodiert	3QNY/Cr-U	80079296	Ne	Quarz	12	10	357,9		236,00
	37 mm Varian kodiert	3QNY/Cr-V	80013987	Ne	Quarz	12	10	357,9		236,00
	50 mm Standard	5QN/Cr	80013990	Ne	Quarz	12	10	357,9		236,00
	50 mm PE AAnalyst kodiert	5QN/Cr-A	80079913	Ne	Quarz	12	10	357,9		314,00

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Element	Typ	Modell	Best.-Nr.	Gas	Fenster	max. Strom (mA)	empf. Strom (mA)	prim. Wellenlänge (nm)	PE-Adaptertyp	Preis
Cobalt (Kobalt)	37 mm Standard	3QNY/Co	80079715	Ne	Quarz	15	12	240,7	D	236,00
	37 mm Standard (Low Current)	3QNYCO VC	80032100	Ne	Quarz	15	4	240,7		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Co-SH	80013995	Ne	Quarz			240,7		252,00
	37 mm Thermo-Unicam kodiert	3QNY/Co-U	80120227	Ne	Quarz	15	12	240,7		268,00
	37 mm Varian kodiert	3QNY/Co-V	80013993	Ne	Quarz	15	12	240,7		268,00
	50 mm Standard	5QN/Co	80013996	Ne	Quarz	40	30	240,7		299,00
	50 mm PE AAnalyst kodiert	5QN/Co-A	80014413	Ne	Quarz	40	30	240,7		378,00
Dysprosium	37 mm Standard	3BNX/Dy	80014005	Ne	Borosilikat	15	12	421,2	C	236,00
	37 mm Smith-Hieftje (Self Reversal)	3BNX/Dy-SH	80031580	Ne	Borosilikat			421,2		271,00
	37 mm Thermo-Unicam kodiert	3BNX/Dy-U	80014007	Ne	Borosilikat	15	12	421,2		268,00
	37 mm Varian kodiert	3BNX/Dy-V	80014006	Ne	Borosilikat	15	23	421,2		268,00
	50 mm Standard	5BN/Dy	80014008	Ne	Borosilikat	30	25	421,2		268,00
	50 mm PE AAnalyst kodiert	5BN/Dy-A	80014412	Ne	Borosilikat	30	25	421,2		346,00
Eisen	37 mm Standard	3QNY/Fe	80079706	Ne	Quarz	15	12	248,3	D	194,00
	37 mm Standard (Low Current)	3QNYFE VC	80032664	Ne	Quarz	15	4	248,3		284,00
	37 mm Standard	3QAY/Fe	80018117	Ar	Quarz	15	12	248,3		189,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Fe-SH	80081766	Ne	Quarz			248,3		238,00
	37 mm Thermo-Unicam kodiert	3QNY/Fe-U	80083524	Ne	Quarz	15	12	248,3		220,00
	37 mm Varian kodiert	3QNY/Fe-V	80014064	Ne	Quarz	15	12	248,3		220,00
	50 mm Standard	5QN/Fe	80079240	Ne	Quarz	30	30	248,3		252,00
	50 mm PE AAnalyst kodiert	5QN/Fe-A	80079573	Ne	Quarz	30	30	248,3		331,00
Erbium	37 mm Standard	3BNX/Er	80014011	Ne	Borosilikat	15	12	400,8	C	236,00
	37 mm Smith-Hieftje (Self Reversal)	3BNX/Er-SH	80031569	Ne	Borosilikat			400,8		271,00
	37 mm Thermo-Unicam kodiert	3BNX/Er-U	80014013	Ne	Borosilikat	15	12	400,8		268,00
	37 mm Varian kodiert	3BNX/Er-V	80014012	Ne	Borosilikat	15	12	400,8		268,00
	50 mm Standard	5BN/Er	80014014	Ne	Borosilikat	30	25	400,8		268,00
	50 mm PE AAnalyst kodiert	5BN/Er-A	80014416	Ne	Borosilikat	30	25	400,8		346,00
Europium	37 mm Standard	3BAX/Eu	80014016	Ar	Borosilikat	12	10	459,4	B	236,00
	37 mm Smith-Hieftje (Self Reversal)	3BAX/Eu-SH	80031568	Ar	Borosilikat			459,4		220,00
	37 mm Thermo-Unicam kodiert	3BAX/Eu-U	80014018	Ar	Borosilikat	12	10	459,4		268,00
	37 mm Varian kodiert	3BAX/Eu-V	80014017	Ar	Borosilikat	12	10	459,4		268,00
	50 mm Standard	5BA/Eu	80014019	Ar	Borosilikat	30	25	459,4		299,00
	50 mm PE AAnalyst kodiert	5BA/Eu-A	80014422	Ar	Borosilikat	30	25	459,4		378,00
Gadolinium	37 mm Standard	3QNY/Gd	80014021	Ne	Quarz	15	12	368,4	B	236,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Gd-SH	80031567	Ne	Quarz			368,4		271,00
	37 mm Thermo-Unicam kodiert	3QNY/Gd-U	80014023	Ne	Quarz	15	12	368,4		268,00
	37 mm Varian kodiert	3QNY/Gd-V	80014022	Ne	Quarz	15	12	368,4		268,00
	50 mm Standard	5QN/Gd	80014024	Ne	Quarz	30	25	368,4		283,00
	50 mm PE AAnalyst kodiert	5QN/Gd-A	80014426	Ne	Quarz	30	25	368,4		362,00

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Element	Typ	Modell	Best.-Nr.	Gas	Fenster	max. Strom (mA)	empf. Strom (mA)	prim. Wellenlänge (nm)	PE-Adaptertyp	Preis
Gallium	37 mm Standard	3QNY/Ga	80014026	Ne	Quarz	15	12	287,4	C	236,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Ga-SH	80014029	Ne	Quarz			287,4		220,00
	37 mm Thermo-Unicam kodiert	3QNY/Ga-U	80014028	Ne	Quarz	15	12	287,4		268,00
	37 mm Varian kodiert	3QNY/Ga-V	80014027	Ne	Quarz	15	12	287,4		268,00
	50 mm Standard	5QN/Ga	80014030	Ne	Quarz	20	15	287,4		268,00
	50 mm PE AAnalyst kodiert	5QN/Ga-A	80014460	Ne	Quarz	20	15	287,4		346,00
Germanium	37 mm Standard	3QNY/Ge	80014032	Ne	Quarz	15	12	265,2	C	268,00
	37 mm Standard (Low Current)	3QNYGE VC	80032648	Ne	Quarz	10	6	265,2		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Ge-SH	80014035	Ne	Quarz			265,2		308,00
	37 mm Thermo-Unicam kodiert	3QNY/Ge-U	80014034	Ne	Quarz	15	12	265,2		299,00
	37 mm Varian kodiert	3QNY/Ge-V	80014033	Ne	Quarz	15	12	265,2		299,00
	50 mm Standard	5QN/Ge	80014036	Ne	Quarz	30	25	265,2		331,00
	50 mm PE AAnalyst kodiert	5QN/Ge-A	80014464	Ne	Quarz	30	25	265,2		410,00
Gold	37 mm Standard	3QNY/Au	80079331	Ne	Quarz	10	8	242,8	C	331,00
	37 mm Standard (Low Current)	3QNYAU VC	80030968	Ne	Quarz	8	4	242,8		397,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Au-SH	80013958	Ne	Quarz			242,8		346,00
	37 mm Thermo-Unicam kodiert	3QNY/Au-U	80079627	Ne	Quarz	10	8	242,8		362,00
	37 mm Varian kodiert	3QNY/Au-V	80013956	Ne	Quarz	10	8	242,8		362,00
	50 mm Standard	5QN/Au	80013959	Ne	Quarz	20	10	242,8		410,00
	50 mm PE AAnalyst kodiert	5QN/Au-A	80079576	Ne	Quarz	20	10	242,8		488,00
Hafnium	37 mm Standard	3QAY/Hf	80014041	Ar	Quarz	15	12	307,3	C	205,00
	37 mm Smith-Hieftje (Self Reversal)	3QAY/Hf-SH	80031566	Ar	Quarz			307,3		205,00
	37 mm Thermo-Unicam kodiert	3QAY/Hf-U	80014043	Ar	Quarz	15	12	307,3		236,00
	37 mm Varian kodiert	3QAY/Hf-V	80014042	Ar	Quarz	15	12	307,3		236,00
Holmium	37 mm Standard	3BNX/Ho	80014046	Ne	Borosilikat	15	12	410,4	D	281,00
	37 mm Smith-Hieftje (Self Reversal)	3BNX/Ho-SH	80031565	Ne	Borosilikat			410,4		323,00
	37 mm Thermo-Unicam kodiert	3BNX/Ho-U	80014048	Ne	Borosilikat	15	12	410,4		283,00
	37 mm Varian kodiert	3BNX/Ho-V	80014047	Ne	Borosilikat	15	12	410,4		283,00
	50 mm Standard	5BN/Ho	80014049	Ne	Borosilikat	30	25	410,1		314,00
	50 mm PE AAnalyst kodiert	5BN/Ho-A	80014473	Ne	Borosilikat	30	25	410,4		394,00
Indium	37 mm Standard	3QNY/In	80014051	Ne	Quarz	10	8	303,9	C	346,00
	37 mm Standard (Low Current)	3QNYIN VC	80032658	Ne	Quarz	10	5	303,9		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/In-SH	80031564	Ne	Quarz			303,9		402,00
	37 mm Thermo-Unicam kodiert	3QNY/In-U	80121796	Ne	Quarz	10	8	303,9		378,00
	37 mm Varian kodiert	3QNY/In-V	80014052	Ne	Quarz	10	8	303,9		378,00
	50 mm Standard	5QN/In	80014054	Ne	Quarz	25	20	303,9		378,00
	50 mm PE AAnalyst kodiert	5QN/In-A	80014476	Ne	Quarz	25	20	303,9		456,00
Iridium	37 mm Standard	3QNY/Ir	80014056	Ne	Quarz	15	12	208,9	C	299,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Ir-SH	80014059	Ne	Quarz			208,9		344,00
	37 mm Thermo-Unicam kodiert	3QNY/Ir-U	80014058	Ne	Quarz	15	12	208,9		331,00
	37 mm Varian kodiert	3QNY/Ir-V	80014057	Ne	Quarz	15	12	208,9		331,00
	50 mm Standard	5QN/Ir	80142223	Ne	Quarz	30	25	208,9		362,00
	50 mm PE AAnalyst kodiert	5QN/Ir-A	80014477	Ne	Quarz	30	25	208,9		441,00

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Kalium	37 mm Standard	3BNX/K	80079067	Ne	Borosilikat	8	6	766,5	C	205,00
	37 mm Standard (Low Current)	3BNXK VC	80032879	Ne	Borosilikat	8	2	766,5		284,00
	37 mm Smith-Hieftje (Self Reversal)	3BNX/K-SH	80081767	Ne	Borosilikat			766,5		313,00
	37 mm Thermo-Unicam kodiert	3BNX/K-U	80079405	Ne	Borosilikat	8	6	766,5		236,00
	37 mm Varian kodiert	3BNX/K-V	80014172	Ne	Borosilikat	8	6	766,5		236,00
	50 mm Standard	5BN/K	80014175	Ne	Borosilikat	12	10	766,5		220,00
	50 mm PE AAnalyst kodiert	5BN/K-A	80078811	Ne	Borosilikat	12	10	766,5		299,00
Kupfer	37 mm Standard	3QNY/Cu	80078757	Ne	Quarz	5	4	324,8	C	205,00
	37 mm Standard (Low Current)	3QNYCU VC	80032078	Ne	Quarz	8	3	324,8		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Cu-SH	80014002	Ne	Quarz			324,8		205,00
	37 mm Thermo-Unicam kodiert	3QNY/Cu-U	80088053	Ne	Quarz	5	4	324,8		236,00
	37 mm Varian kodiert	3QNY/Cu-V	80079601	Ne	Quarz	5	4	324,8		236,00
	50 mm Standard	5QN/Cu	80014003	Ne	Quarz	20	15	324,8		236,00
	50 mm PE AAnalyst kodiert	5QN/Cu-A	80079239	Ne	Quarz	20	15	324,8		314,00
Lanthan	37 mm Standard	3QAY/La	80083665	Ar	Quarz	15	12	550,1	B	236,00
	37 mm Standard (Low Current)	3QAYLA VC	80078809	Ar	Quarz	10	6	550,1		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QAY/La-SH	80014083	Ar	Quarz			550,1		271,00
	37 mm Thermo-Unicam kodiert	3QAY/La-U	80014082	Ar	Quarz	15	12	550,1		268,00
	37 mm Varian kodiert	3QAY/La-V	80014081	Ar	Quarz	15	12	550,1		268,00
	50 mm Standard	5QA/La	80014484	Ar	Quarz	30	25	550,1		268,00
	50 mm PE AAnalyst kodiert	5QA/La-A	80014488	Ar	Quarz	30	25	550,1		346,00
Lithium	37 mm Standard	3BAX/Li	80014093	Ar	Borosilikat	10	8	670,8	C	173,00
	37 mm Standard (Low Current)	3BAXLI VC	80032513	Ar	Borosilikat	10	2	670,8		284,00
	37 mm Smith-Hieftje (Self Reversal)	3BAX/Li-SH	80013909	Ar	Borosilikat			670,8		205,00
	37 mm Thermo-Unicam kodiert	3BAX/Li-U	80014095	Ar	Borosilikat	10	8	670,8		205,00
	37 mm Varian kodiert	3BAX/Li-V	80014094	Ar	Borosilikat	10	8	670,8		205,00
	50 mm Standard	5BA/Li	80014100	Ar	Borosilikat	20	15	670,8		205,00
	50 mm PE AAnalyst kodiert	5BA/Li-A	80081375	Ar	Borosilikat	20	15	670,8		283,00
Lutetium	37 mm Standard	3QAY/Lu	80078835	Ar	Quarz	8	6	336	D	236,00
	37 mm Smith-Hieftje (Self Reversal)	3QAY/Lu-SH	80031563	Ar	Quarz			336		271,00
	37 mm Thermo-Unicam kodiert	3QAY/Lu-U	80014104	Ar	Quarz	8	6	336		268,00
	37 mm Varian kodiert	3QAY/Lu-V	80014103	Ar	Quarz	8	6	336		268,00
	50 mm Standard	5QA/Lu	80014105	Ar	Quarz	20	15	336		268,00
Magnesium	37 mm Standard	3QNY/Mg	80079282	Ne	Quarz	6	5	285,2	B	205,00
	37 mm Standard (Low Current)	3QNYMG VC	80032682	Ne	Quarz	10	2	285,2		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Mg-SH	80014109	Ne	Quarz			285,2		236,00
	37 mm Thermo-Unicam kodiert	3QNY/Mg-U	80014108	Ne	Quarz	6	5	285,2		236,00
	37 mm Varian kodiert	3QNY/Mg-V	80014107	Ne	Quarz	6	5	285,2		236,00
	50 mm Standard	5QN/Mg	80014110	Ne	Quarz	10	6	285,2		268,00
	50 mm PE AAnalyst kodiert	5QN/Mg-A	80078755	Ne	Quarz	10	6	285,2		346,00

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Element	Typ	Modell	Best.-Nr.	Gas	Fenster	max. Strom (mA)	empf. Strom (mA)	prim. Wellenlänge (nm)	PE-Adaptertyp	Preis
Mangan	37 mm Standard	3QNY/Mn	80079599	Ne	Quarz	12	10	279,5	D	205,00
	37 mm Standard (Low Current)	3QNYMN VC	80032685	Ne	Quarz	10	3	279,5		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Mn-SH	80014115	Ne	Quarz			279,5		236,00
	37 mm Thermo-Unicam kodiert	3QNY/Mn-U	80083147	Ne	Quarz	12	10	279,5		236,00
	37 mm Varian kodiert	3QNY/Mn-V	80080258	Ne	Quarz	12	10	279,5		236,00
	50 mm Standard	5QN/Mn	80014116	Ne	Quarz	30	20	279,5		268,00
	50 mm PE AAnalyst kodiert	5QN/Mn-A	80079626	Ne	Quarz	30	20	279,5		346,00
Molybdän	37 mm Standard	3QNY/Mo	80082264	Ne	Quarz	15	12	313,3	C	205,00
	37 mm Standard (Low Current)	3QNYMO VC	80031009	Ne	Quarz	10	6	313,3		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Mo-SH	80014126	Ne	Quarz			313,3		236,00
	37 mm Thermo-Unicam kodiert	3QNY/Mo-U	80014125	Ne	Quarz	15	12	313,3		236,00
	37 mm Varian kodiert	3QNY/Mo-V	80079570	Ne	Quarz	15	12	313,3		236,00
	50 mm Standard	5QN/Mo	80014127	Ne	Quarz	40	30	313,3		268,00
	50 mm PE AAnalyst kodiert	5QN/Mo-A	80014517	Ne	Quarz	40	30	313,3		346,00
Natrium	37 mm Standard	3QNY/Na	80079205	Ne	Quarz	8	6	589	C	205,00
	37 mm Standard (Low Current)	3QNYNA VC	80033003	Ne	Quarz	10	2	589		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Na-SH	80014235	Ne	Quarz			589		220,00
	37 mm Thermo-Unicam kodiert	3QNY/Na-U	80014234	Ne	Quarz	8	6	589		236,00
	37 mm Varian kodiert	3QNY/Na-V	80014233	Ne	Quarz	8	6	589		236,00
	50 mm Standard	5QN/Na	80014236	Ne	Quarz	10	8	589		252,00
	50 mm PE AAnalyst kodiert	5QN/Na-A	80081374	Ne	Quarz	10	8	589		331,00
Neodym	37 mm Standard	3BNX/Nd	80079138	Ne	Borosilikat	15	12	492,5	D	236,00
	37 mm Smith-Hieftje (Self Reversal)	3BNX/Nd-SH	80031562	Ne	Borosilikat			492,5		271,00
	37 mm Thermo-Unicam kodiert	3BNX/Nd-U	80014131	Ne	Borosilikat	15	12	492,5		268,00
	37 mm Varian kodiert	3BNX/Nd-V	80014130	Ne	Borosilikat	15	12	492,5		268,00
	50 mm Standard	5BN/Nd	80014132	Ne	Borosilikat	30	25	492,5		220,00
	50 mm PE AAnalyst kodiert	5BN/Nd-A	80014520	Ne	Borosilikat	30	25	492,5		299,00
Nickel	37 mm Standard	3QNY/Ni	80079629	Ne	Quarz	15	12	232	D	205,00
	37 mm Standard (Low Current)	3QNYNI VC	80031005	Ne	Quarz	10	4	232		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Ni-SH	80014137	Ne	Quarz			232		252,00
	37 mm Thermo-Unicam kodiert	3QNY/Ni-U	80079286	Ne	Quarz	15	12	232		236,00
	37 mm Varian kodiert	3QNY/Ni-V	80083563	Ne	Quarz	15	12	232		236,00
	50 mm Standard	5QN/Ni	80125181	Ne	Quarz	30	25	232		268,00
	50 mm PE AAnalyst kodiert	5QN/Ni-A	80014521	Ne	Quarz	30	25	232		346,00
Niob	37 mm Standard	3QAY/Nb	80014140	Ar	Quarz	15	12	334,4	D	236,00
	37 mm Smith-Hieftje (Self Reversal)	3QAY/Nb-SH	80031561	Ar	Quarz			334,4		271,00
	37 mm Thermo-Unicam kodiert	3QAY/Nb-U	80014142	Ar	Quarz	15	12	334,4		268,00
	37 mm Varian kodiert	3QAY/Nb-V	80014141	Ar	Quarz	15	12	334,4		268,00
	50 mm Standard	5QA/Nb	80014143	Ar	Quarz	40	40	334,4		268,00
	50 mm PE AAnalyst kodiert	5QA/Nb-A	80014524	Ar	Quarz	40	40	334,4		346,00

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Element	Typ	Modell	Best.-Nr.	Gas	Fenster	max. Strom (mA)	empf. Strom (mA)	prim. Wellenlänge (nm)	PE-Adaptertyp	Preis
Osmium	37 mm Standard	3QNY/Os	80081549	Ne	Quarz	10	8	290,9	C	331,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Os-SH	80014149	Ne	Quarz			290,9		380,00
	37 mm Thermo-Unicam kodiert	3QNY/Os-U	80014148	Ne	Quarz	10	8	290,9		362,00
	37 mm Varian kodiert	3QNY/Os-V	80014147	Ne	Quarz	10	8	290,9		362,00
	50 mm Standard	5QN/Os	80014150	Ne	Quarz	10	8	290,9		410,00
Palladium	37 mm Standard	3QNY/Pd	80079334	Ne	Quarz	15	12	247,6	D	268,00
	37 mm Standard (Low Current)	3QNYPD VC	80032079	Ne	Quarz	10	6	247,6		369,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Pd-SH	80014155	Ne	Quarz			247,6		299,00
	37 mm Thermo-Unicam kodiert	3QNY/Pd-U	80014154	Ne	Quarz	15	12	247,6		299,00
	37 mm Varian kodiert	3QNY/Pd-V	80014153	Ne	Quarz	15	12	247,6		299,00
	50 mm Standard	5QN/Pd	80014156	Ne	Quarz	25	20	247,6		314,00
	50 mm PE AAnalyst kodiert	5QN/Pd-A	80079639	Ne	Quarz	25	20	247,6		394,00
Phosphor	37 mm Standard	3QNY/P	80079563	Ne	Quarz	10	8	213,6	C	346,00
	37 mm Standard (Low Current)	3QNY P VC	80032907	Ne	Quarz	15	6	213,6		414,00
	37 mm Smith-Hieftje (Self Reversal)	3QN/P-SH	80018291	Ne	Quarz			213,6		398,00
	37 mm Thermo-Unicam kodiert	3QNY/P-U	80014160	Ne	Quarz	10	8	213,6		378,00
	37 mm Varian kodiert	3QNY/P-V	80014159	Ne	Quarz	10	8	213,6		378,00
	50 mm Standard	5QN/P	80014162	Ne	Quarz	25	20	213,6		378,00
	50 mm PE AAnalyst kodiert	5QN/P-A	80014542	Ne	Quarz	25	20	213,6		456,00
Platin	37 mm Standard	3QNY/Pt	80079642	Ne	Quarz	15	12	265,9	C	394,00
	37 mm Standard (Low Current)	3QNYPT VC	80032920	Ne	Quarz	10	5	265,9		397,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Pt-SH	80014168	Ne	Quarz			265,9		410,00
	37 mm Thermo-Unicam kodiert	3QNY/Pt-U	80014167	Ne	Quarz	15	12	265,9		425,00
	37 mm Varian kodiert	3QNY/Pt-V	80014166	Ne	Quarz	15	12	265,9		425,00
	50 mm Standard	5QN/Pt	80014169	Ne	Quarz	25	20	265,9		473,00
	50 mm PE AAnalyst kodiert	5QN/Pt-A	80014548	Ne	Quarz	25	20	265,9		551,00
Praseodym	37 mm Standard	3BNX/Pr	80078761	Ne	Borosilikat	15	12	495,1	C	205,00
	37 mm Smith-Hieftje (Self Reversal)	3BNX/Pr-SH	80031560	Ne	Borosilikat			495,1		236,00
	37 mm Thermo-Unicam kodiert	3BNX/Pr-U	80014179	Ne	Borosilikat	15	12	495,1		236,00
	37 mm Varian kodiert	3BNX/Pr-V	80014178	Ne	Borosilikat	15	12	495,1		236,00
	50 mm Standard	5BN/Pr	80014180	Ne	Borosilikat	30	25	495,1		268,00
	50 mm PE AAnalyst kodiert	5BN/Pr-A	80014555	Ne	Borosilikat	30	25	495,1		346,00
Quecksilber	37 mm Standard	3QNY/Hg	80081768	Ne	Quarz	6	5	253,6	D	252,00
	37 mm Standard (Low Current)	3QNYHG VC	80032687	Ne	Quarz	10	3	253,6		426,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Hg-SH	80018335	Ne	Quarz			253,6		290,00
	37 mm Thermo-Unicam kodiert	3QNY/Hg-U	80014120	Ne	Quarz	6	5	253,6		283,00
	37 mm Varian kodiert	3QNY/Hg-V	80087775	Ne	Quarz	6	5	253,6		283,00
	50 mm Standard	5QN/Hg	80014121	Ne	Quarz	8	6	253,6		283,00
	50 mm PE AAnalyst kodiert	5QN/Hg-A	80014513	Ne	Quarz	8	6	253,6		362,00

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Element	Typ	Modell	Best.-Nr.	Gas	Fenster	max. Strom (mA)	empf. Strom (mA)	prim. Wellenlänge (nm)	PE-Adaptertyp	Preis
Rhenium	37 mm Standard	3QAY/Re	80078741	Ar	Quarz	15	12	346,1	C	314,00
	37 mm Smith-Hieftje (Self Reversal)	3QAY/Re-SH	80014185	Ar	Quarz			346,1		362,00
	37 mm Thermo-Unicam kodiert	3QAY/Re-U	80014184	Ar	Quarz	15	12	346,1		346,00
	37 mm Varian kodiert	3QAY/Re-V	80014183	Ar	Quarz	15	12	346,1		346,00
	50 mm Standard	5QA/Re	80014186	Ar	Quarz	30	25	346,1		362,00
	50 mm PE AAnalyst kodiert	5QA/Re-A	80014559	Ar	Quarz	30	25	346,1		441,00
Rhodium	37 mm Standard	3QAY/Rh	80078784	Ar	Quarz	15	12	343,5	D	473,00
	37 mm Standard (Low Current)	3QAYRH VC	80032957	Ar	Quarz	6	6	343,5		615,00
	37 mm Smith-Hieftje (Self Reversal)	3QAY/Rh-SH	80014191	Ar	Quarz			343,5		543,00
	37 mm Thermo-Unicam kodiert	3QAY/Rh-U	80014190	Ar	Quarz	15	12	343,5		504,00
	37 mm Varian kodiert	3QAY/Rh-V	80014189	Ar	Quarz	15	12	343,5		504,00
	50 mm Standard	5QA/Rh	80014192	Ar	Quarz	30	25	343,5		504,00
	50 mm PE AAnalyst kodiert	5QA/Rh-A	80014564	Ar	Quarz	30	25	343,5		582,00
Rubidium	37 mm Standard	3BNX/Rb	80014194	Ne	Borosilikat	10	8	780	C	252,00
	37 mm Standard (Low Current)	3BNXRB VC	80032959	Ne	Borosilikat	6	4	780		615,00
	37 mm Smith-Hieftje (Self Reversal)	3BNX/Rb-SH	80018108	Ne	Borosilikat			780		290,00
	37 mm Thermo-Unicam kodiert	3BNX/Rb-U	80014196	Ne	Borosilikat	10	8	780		283,00
	37 mm Varian kodiert	3BNX/Rb-V	80014195	Ne	Borosilikat	10	8	780		283,00
	50 mm Standard	5BN/Rb	80014197	Ne	Borosilikat	10	8	780		283,00
Ruthenium	37 mm Standard	3QNY/Ru	80014199	Ne	Quarz	15	12	349,9	D	252,00
	37 mm Standard (Low Current)	3QNYRU VC	80032971	Ne	Quarz	8	5	349,9		341,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Ru-SH	80031549	Ne	Quarz			349,9		314,00
	37 mm Thermo-Unicam kodiert	3QNY/Ru-U	80014201	Ne	Quarz	15	12	349,9		283,00
	37 mm Varian kodiert	3QNY/Ru-V	80014200	Ne	Quarz	15	12	349,9		283,00
	50 mm Standard	5QN/Ru	80014202	Ne	Quarz	30	25	349,9		314,00
	50 mm PE AAnalyst kodiert	5QN/Ru-A	80014570	Ne	Quarz	30	25	349,9		394,00
Samarium	37 mm Standard	3QNY/Sm	80014204	Ne	Quarz	15	12	429,7	D	236,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Sm-SH	80031548	Ne	Quarz			429,7		271,00
	37 mm Thermo-Unicam kodiert	3QNY/Sm-U	80014206	Ne	Quarz	15	12	429,7		268,00
	37 mm Varian kodiert	3QNY/Sm-V	80014205	Ne	Quarz	15	12	429,7		268,00
	50 mm Standard	5QN/Sm	80014207	Ne	Quarz	30	25	429,7		268,00
	50 mm PE AAnalyst kodiert	5QN/Sm-A	80014573	Ne	Quarz	30	25	429,7		346,00
Scandium	37 mm Standard	3QNY/Sc	80014209	Ne	Quarz	15	12	391,2	C	283,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Sc-SH	80031547	Ne	Quarz			391,2		326,00
	37 mm Thermo-Unicam kodiert	3QNY/Sc-U	80014211	Ne	Quarz	15	12	391,2		314,00
	37 mm Varian kodiert	3QNY/Sc-V	80014210	Ne	Quarz	15	12	391,2		314,00
	50 mm Standard	5QN/Sc	80014212	Ne	Quarz	30	25	391,2		331,00
	50 mm PE AAnalyst kodiert	5QN/Sc-A	80014576	Ne	Quarz	30	25	391,2		410,00

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Element	Typ	Modell	Best.-Nr.	Gas	Fenster	max. Strom (mA)	empf. Strom (mA)	prim. Wellenlänge (nm)	PE-Adaptertyp	Preis
Selen	37 mm Standard	3QNY/Se	80079417	Ne	Quarz	15	15	196	C	252,00
	37 mm Standard (Low Current)	3QNYSE VC	80031014	Ne	Quarz	10	5	196		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Se-SH	80014217	Ne	Quarz			196		268,00
	37 mm Thermo-Unicam kodiert	3QNY/Se-U	80127975	Ne	Quarz	15	15	196		283,00
	37 mm Varian kodiert	3QNY/Se-V	80014215	Ne	Quarz	15	15	196		283,00
	50 mm Standard	5QN/Se	80014218	Ne	Quarz	15	15	196		314,00
	50 mm PE AAnalyst kodiert	5QN/Se-A	80014577	Ne	Quarz	15	15	196		394,00
Silber	37 mm Standard	3QAY/Ag	80079344	Ar	Quarz	4	3	328,1	D	236,00
	37 mm Standard (Low Current)	3QNYAG VC	80033000	Ne	Quarz	5	2	328,1		341,00
	37 mm Smith-Hieftje (Self Reversal)	3QAY/Ag-SH	80014229	Ar	Quarz			328,1		271,00
	37 mm Thermo-Unicam kodiert	3QAY/Ag-U	80014228	Ar	Quarz	4	3	328,1		268,00
	37 mm Varian kodiert	3QAY/Ag-V	80079600	Ar	Quarz	4	3	328,1		268,00
	50 mm Standard	5QA/Ag	80014581	Ar	Quarz	10	5	328,1		268,00
	50 mm PE AAnalyst kodiert	5QA/Ag-A	80014583	Ar	Quarz	10	5	328,1		346,00
Silicium	37 mm Standard	3QNY/Si	80078833	Ne	Quarz	15	12	251,6	D	220,00
	37 mm Standard (Low Current)	3QNYSI VC	80032917	Ne	Quarz	15	8	251,6		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Si-SH	80014223	Ne	Quarz			251,6		253,00
	37 mm Thermo-Unicam kodiert	3QNY/Si-U	80014222	Ne	Quarz	15	12	251,6		252,00
	37 mm Varian kodiert	3QNY/Si-V	80014221	Ne	Quarz	15	12	251,6		252,00
	50 mm Standard	5QN/Si	80014224	Ne	Quarz	40	35	251,6		283,00
	50 mm PE AAnalyst kodiert	5QN/Si-A	80014578	Ne	Quarz	40	35	251,6		362,00
Strontium	37 mm Standard	3BAX/Sr	80084539	Ar	Borosilikat	12	12	460,7	C	205,00
	37 mm Standard (Low Current)	3BAXSR VC	80033006	Ar	Borosilikat	10	4	460,7		284,00
	37 mm Smith-Hieftje (Self Reversal)	3BAX/Sr-SH	80014241	Ar	Borosilikat			460,7		284,00
	37 mm Thermo-Unicam kodiert	3BAX/Sr-U	80014240	Ar	Borosilikat	12	12	460,7		236,00
	37 mm Varian kodiert	3BAX/Sr-V	80014239	Ar	Borosilikat	12	12	460,7		236,00
	50 mm Standard	5BA/Sr	80014242	Ar	Borosilikat	20	15	460,7		252,00
	50 mm PE AAnalyst kodiert	5BA/Sr-A	80014588	Ar	Borosilikat	20	15	460,7		331,00
Tantal	37 mm Standard	3QNY/Ta	80014244	Ne	Quarz	15	12	271,5	C	205,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Ta-SH	80031546	Ne	Quarz			271,5		236,00
	37 mm Thermo-Unicam kodiert	3QNY/Ta-U	80014246	Ne	Quarz	15	12	271,5		236,00
	37 mm Varian kodiert	3QNY/Ta-V	80014245	Ne	Quarz	15	12	271,5		236,00
	50 mm Standard	5QN/Ta	80014247	Ne	Quarz	40	30	271,5		236,00
	50 mm PE AAnalyst kodiert	5QN/Ta-A	80014592	Ne	Quarz	40	30	271,5		314,00
Tellur	37 mm Standard	3QNY/Te	80014249	Ne	Quarz	15	15	214,3	B	236,00
	37 mm Standard (Low Current)	3QNYTE VC	80033021	Ne	Quarz	10	4	214,3		341,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Te-SH	80014252	Ne	Quarz			214,3		268,00
	37 mm Thermo-Unicam kodiert	3QNY/Te-U	80014251	Ne	Quarz	15	15	214,3		268,00
	37 mm Varian kodiert	3QNY/Te-V	80014250	Ne	Quarz	15	15	214,3		268,00
	50 mm Standard	5QN/Te	80014253	Ne	Quarz	30	30	214,3		314,00
	50 mm PE AAnalyst kodiert	5QN/Te-A	80014593	Ne	Quarz	30	30	214,3		394,00

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Element	Typ	Modell	Best.-Nr.	Gas	Fenster	max. Strom (mA)	empf. Strom (mA)	prim. Wellenlänge (nm)	PE-Adaptertyp	Preis
Terbium	37 mm Standard	3BNX/Tb	80014255	Ne	Borosilikat	15	12	432,7	C	331,00
	37 mm Smith-Hieftje (Self Reversal)	3BNX/Tb-SH	80031545	Ne	Borosilikat			432,7		380,00
	37 mm Thermo-Unicam kodiert	3BNX/Tb-U	80014257	Ne	Borosilikat	15	12	432,7		362,00
	37 mm Varian kodiert	3BNX/Tb-V	80014256	Ne	Borosilikat	15	12	432,7		362,00
	50 mm Standard	5BN/Tb	80014258	Ne	Borosilikat	30	25	432,7		394,00
	50 mm PE AAnalyst kodiert	5BN/Tb-A	80014596	Ne	Borosilikat	30	25	432,7		473,00
Thallium	37 mm Standard	3QNY/TI	80122309	Ne	Quarz	10	8	276,8	C	283,00
	37 mm Standard (Low Current)	3QNYTL VC	80033027	Ne	Quarz	10	3	276,8		341,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/TI-SH	80018337	Ne	Quarz			276,8		326,00
	37 mm Thermo-Unicam kodiert	3QNY-TI-U	80018338	Ne	Quarz	10	8	276,8		314,00
	37 mm Varian kodiert	3QNY/TI-V	80018339	Ne	Quarz	10	8	276,8		314,00
	50 mm Standard	5QN/TI	80018772	Ne	Quarz	10	8	276,8		283,00
	50 mm PE AAnalyst kodiert	5QN/TI-A	80125347	Ne	Quarz	10	8	276,8		362,00
Thulium	37 mm Standard	3QNY/Tm	80081550	Ne	Quarz	15	12	371,8	C	331,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Tm-SH	80031544	Ne	Quarz			371,8		380,00
	37 mm Thermo-Unicam kodiert	3QNY/Tm-U	80014271	Ne	Quarz	15	12	371,8		362,00
	37 mm Varian kodiert	3QNY/Tm-V	80014270	Ne	Quarz	15	12	371,8		362,00
	50 mm Standard	5QN/Tm	80014272	Ne	Quarz	30	25	371,8		252,00
	50 mm PE AAnalyst kodiert	5QN/Tm-A	80014603	Ne	Quarz	30	25	371,8		331,00
Titan	37 mm Standard	3QNY/Ti	80079579	Ne	Quarz	15	12	365,4	C	189,00
	37 mm Standard (Low Current)	3QNYTI VC	80033040	Ne	Quarz	8	6	365,4		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Ti-SH	80014283	Ne	Quarz			365,4		236,00
	37 mm Thermo-Unicam kodiert	3QNY/Ti-U	80014282	Ne	Quarz	15	12	365,4		220,00
	37 mm Varian kodiert	3QNY/Ti-V	80014281	Ne	Quarz	15	12	365,4		220,00
	50 mm Standard	5QN/Ti	80014284	Ne	Quarz	30	25	365,4		220,00
	50 mm PE AAnalyst kodiert	5QN/Ti-A	80014600	Ne	Quarz	30	25	365,4		299,00
Vanadium	37 mm Standard	3QNY/V	80014304	Ne	Quarz	15	12	318,5	D	268,00
	37 mm Standard (Low Current)	3QNYV VC	80033014	Ne	Quarz	8	6	318,5		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/V-SH	80014308	Ne	Quarz			318,5		308,00
	37 mm Thermo-Unicam kodiert	3QNY/V-U	80014307	Ne	Quarz	15	12	318,5		299,00
	37 mm Varian kodiert	3QNY/V-V	80080259	Ne	Quarz	15	12	318,5		299,00
	50 mm Standard	5QN/V	80014309	Ne	Quarz	40	30	318,5		268,00
	50 mm PE AAnalyst kodiert	5QN/V-A	80128803	Ne	Quarz	40	30	318,5		346,00
	37 mm Standard	3QNY/W	80079137	Ne	Quarz	15	12	255,1	C	205,00
Wolfram	37 mm Standard (Low Current)	3QNYW VC	80033043	Ne	Quarz	15	8	255,1		341,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/W-SH	80014289	Ne	Quarz			255,1		236,00
	37 mm Thermo-Unicam kodiert	3QNY/W-U	80014288	Ne	Quarz	15	12	255,1		236,00
	37 mm Varian kodiert	3QNY/W-V	80014287	Ne	Quarz	15	12	255,1		236,00
	50 mm Standard	5QN/W	80014077	Ne	Quarz	40	30	255,1		299,00
	50 mm PE AAnalyst kodiert	5QN/W-A	80014609	Ne	Quarz	40	30	255,1		378,00

Heraeus Hohlkathodenlampen

Element	Typ	Modell	Best.-Nr.	Gas	Fenster	max. Strom (mA)	empf. Strom (mA)	prim. Wellenlänge (nm)	PE-Adaptertyp	Preis
Ytterbium	37 mm Standard	3QNY/Yb	80014311	Ne	Quarz	15	12	398,8	D	331,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Yb-SH	80031543	Ne	Quarz			398,8		380,00
	37 mm Thermo-Unicam kodiert	3QNY/Yb-U	80014313	Ne	Quarz	15	12	398,8		362,00
	37 mm Varian kodiert	3QNY/Yb-V	80014312	Ne	Quarz	15	12	398,8		362,00
	50 mm Standard	5QN/Yb	80014314	Ne	Quarz	30	25	398,8		394,00
	50 mm PE AAnalyst kodiert	5QN/Yb-A	80014616	Ne	Quarz	30	25	398,8		473,00
Yttrium	37 mm Standard	3BNX/Y	80014320	Ne	Borosilikat	15	12	410,2	C	220,00
	37 mm Smith-Hieftje (Self Reversal)	3BNX/Y-SH	80031541	Ne	Borosilikat			410,2		253,00
	37 mm Thermo-Unicam kodiert	3BNX/Y-U	80014322	Ne	Borosilikat	15	12	410,2		252,00
	37 mm Varian kodiert	3BNX/Y-V	80014321	Ne	Borosilikat	15	12	410,2		252,00
	50 mm Standard	5BN/Y	80014323	Ne	Borosilikat	30	25	410,2		268,00
	50 mm PE AAnalyst kodiert	5BN/Y-A	80014619	Ne	Borosilikat	30	25	410,2		346,00
Zink	37 mm Standard	3QNY/Zn	80079407	Ne	Quarz	10	8	213,9	D	189,00
	37 mm Standard (Low Current)	3QNYZN VC	80032077	Ne	Quarz	8	3	213,9		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Zn-SH	80014328	Ne	Quarz			213,9		205,00
	37 mm Thermo-Unicam kodiert	3QNY/Zn-U	80080534	Ne	Quarz	10	8	213,9		220,00
	37 mm Varian kodiert	3QNY/Zn-V	80079571	Ne	Quarz	10	8	213,9		220,00
	50 mm Standard	5QN/Zn	80014329	Ne	Quarz	20	15	213,9		268,00
	50 mm PE AAnalyst kodiert	3QNY/Zn-A	80079415	Ne	Quarz	20	15	213,9		346,00
Zinn	37 mm Standard	3QNY/Sn	80079094	Ne	Quarz	15	12	224,6	C	220,00
	37 mm Standard (Low Current)	3QNYSN VC	80033036	Ne	Quarz	15	6	224,6		284,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Sn-SH	80014277	Ne	Quarz			224,6		252,00
	37 mm Thermo-Unicam kodiert	3QNY/Sn-U	80014276	Ne	Quarz	15	12	224,6		252,00
	37 mm Varian kodiert	3QNY/Sn-V	80014275	Ne	Quarz	15	12	224,6		252,00
	50 mm Standard	5QN/Sn	80014278	Ne	Quarz	30	30	224,6		314,00
	50 mm PE AAnalyst kodiert	5QN/Sn-A	80014604	Ne	Quarz	30	30	224,6		394,00
Zirconium	37 mm Standard	3QNY/Zr	80014331	Ne	Quarz	15	12	360,1	D	205,00
	37 mm Standard (Low Current)	3QNYZR VC	80033053	Ne	Quarz	10	8	360,1		341,00
	37 mm Smith-Hieftje (Self Reversal)	3QNY/Zr-SH	80014334	Ne	Quarz			360,1		220,00
	37 mm Thermo-Unicam kodiert	3QNY/Zr-U	80014333	Ne	Quarz	15	12	360,1		236,00
	37 mm Varian kodiert	3QNY/Zr-V	80014332	Ne	Quarz	15	12	360,1		236,00
	50 mm Standard	5QN/Zr	80014335	Ne	Quarz	40	30	360,1		268,00
	50 mm PE AAnalyst kodiert	5QN/Zr-A	80014624	Ne	Quarz	40	30	360,1		346,00
Deuterium	37 mm Standard	3QDY/D2	80079598	D2	Quarz	25		Kontinuum	D	283,00
	37 mm Thermo-Unicam kodiert	3QDY/D2-U	80080142	D2	Quarz	25		Kontinuum		314,00
	37 mm Varian kodiert	3QDY/D2-V	80018126	D2	Quarz	25		Kontinuum		314,00

Heraeus Zwei-Element Hohlkathodenlampen

Element	Typ	Modell	Best.-Nr.	max. Strom (mA)	empf. Strom (mA)	PE-Adaptertyp	Preis	
Aluminium	+Ca	37 mm Standard	3QNY/Al/Ca	80014625	10	8	C	268,00
		50 mm Standard	5QN/Al/Ca	80014626	20	15		331,00
	+Mg	37 mm Standard	3QNY/Al/Mg	80014627	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Al/Mg-U	80014628	10	8		283,00
		50 mm Standard	5QN/Al/Mg	80014629	20	15		331,00
	+Si	37 mm Standard	3QNY/Al/Si	80014630	15	12	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Al/Si-U	80014631	15	12		299,00
		50 mm Standard	5QN/Al/Si	80014632	20	16		331,00
	+Ti	37 mm Standard	3QNY/Al/Ti	80014660	15	12	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Al/Ti-U	80014661	15	12		283,00
		50 mm Standard	5QN/Al/Ti	80014662	20	16		331,00
	Barium	+Sr	37 mm Standard	3QNY/Ba/Sr	80014663	15	12	C
37 mm Thermo-Unicam kodiert			3QNY/Ba/Sr-U	80014664	15	12		283,00
50 mm Standard			5QN/Ba/Sr	80014665	15	12		331,00
Cadmium	+Zn	37 mm Standard	3QNY/Cd/Zn	80014666	8	6	C	314,00
		37 mm Thermo-Unicam kodiert	3QNY/Cd/Zn-U	80014667	8	6		331,00
		50 mm Standard	5QN/Cd/Zn	80014668	8	6		378,00
Calcium	+Ba	37 mm Standard	3QNY/Ca/Ba	80014669	15	12	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Ca/Ba-U	80014670	15	12		283,00
		50 mm Standard	5QN/Ca/Ba	80014671	15	12		331,00
	+Mg	37 mm Standard	3QNY/Ca/Mg	80083203	6	5	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Ca/Mg-U	80014673	6	5		283,00
		37 mm Varian kodiert	3QNY/Ca/Mg-V	80018174	6	5		283,00
		50 mm Standard	5QN/Ca/Mg	80014674	20	15		331,00
		50 mm PE AAnalyst kodiert	5QN/Ca/Mg-A	80018673	20	15		394,00
	+Si	37 mm Standard	3QNY/Ca/Si	80014676	15	12	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Ca/Si-U	80018175	15	12		283,00
		50 mm Standard	5QN/Ca/Si	80014679	20	15		331,00
	+Sr	37 mm Standard	3QNY/Ca/Sr	80014680	15	12	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Ca/Sr-U	80014681	15	12		283,00
		50 mm Standard	5QN/Ca/Sr	80014682	15	12		331,00
	+Zn	37 mm Standard	3QNY/Ca/Zn	80014683	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Ca/Zn-U	80014684	10	8		283,00
		50 mm Standard	5QN/Ca/Zn	80014685	20	15		331,00
		50 mm PE AAnalyst kodiert	5QN/Ca/Zn-A	80018674	20	15		394,00

Heraeus Zwei-Element Hohlkathodenlampen

Element		Typ	Modell	Best.-Nr.	max. Strom (mA)	empf. Strom (mA)	PE-Adaptertyp	Preis	
Chrom	+Co	37 mm Standard	3QNY/Cr/Co	80014688	10	8	C	268,00	
		50 mm Standard	5QN/Cr/Co	80014689	30	25		331,00	
	+Cu	37 mm Standard	3QNY/Cr/Cu	80014710	10	8	C	268,00	
		37 mm Thermo-Unicam kodiert	3QNY/Cr/Cu-U	80014711	10	8		283,00	
		50 mm Standard	5QN/Cr/Cu	80014712	30	25		331,00	
	+Fe	37 mm Standard	3QNY/Cr/Fe	80014713	10	8	C	268,00	
		50 mm Standard	5QN/Cr/Fe	80014714	30	25		331,00	
	+Mn	37 mm Standard	3QNY/Cr/Mn	80014716	10	8	C	268,00	
		37 mm Thermo-Unicam kodiert	3QNY/Cr/Mn-U	80014717	10	8		283,00	
		50 mm Standard	5QN/Cr/Mn	80014718	30	25		331,00	
	+Mo	37 mm Standard	3QNY/Cr/Mo	80014719	15	12	C	268,00	
		37 mm Thermo-Unicam kodiert	3QNY/Cr/Mo-U	80014720	15	12		283,00	
		50 mm Standard	5QN/Cr/Mo	80014721	30	25		331,00	
	+Ni	37 mm Standard	3QNY/Cr/Ni	80014722	10	8	C	268,00	
		37 mm Thermo-Unicam kodiert	3QNY/Cr/Ni-U	80014723	10	8		283,00	
		50 mm Standard	5QN/Cr/Ni	80014724	30	25		331,00	
	Cobalt	+Cu	37 mm Standard	3QNY/Co/Cu	80014725	10	8	C	268,00
			37 mm Thermo-Unicam kodiert	3QNY/Co/Cu-U	80014726	10	8		283,00
50 mm Standard			5QN/Co/Cu	80014727	30	25		331,00	
+Fe		37 mm Standard	3QNY/Co/Fe	80014728	10	8	C	268,00	
		37 mm Thermo-Unicam kodiert	3QNY/Co/Fe-U	80014729	10	8		283,00	
		50 mm Standard	5QN/Co/Fe	80014730	30	25		331,00	
+Mn		37 mm Standard	3QNY/Co/Mn	80014731	10	8	C	268,00	
		37 mm Thermo-Unicam kodiert	3QNY/Co/Mn-U	80014732	10	8		283,00	
		50 mm Standard	5QN/Co/Mn	80014733	30	25		331,00	
+Mo		37 mm Standard	3QNY/Co/Mo	80014734	10	8	C	268,00	
		37 mm Thermo-Unicam kodiert	3QNY/Co/Mo-U	80014735	10	8		283,00	
		50 mm Standard	5QN/Co/Mo	80014736	30	25		331,00	
+Ni		37 mm Standard	3QNY/Co/Ni	80014737	10	8	C	268,00	
		37 mm Thermo-Unicam kodiert	3QNY/Co/Ni-U	80014738	10	8		283,00	
		50 mm Standard	5QN/Co/Ni	80014739	30	25		331,00	
Eisen		+Mn	37 mm Standard	3QNY/Fe/Mn	80014814	10	8	C	268,00
			37 mm Thermo-Unicam kodiert	3QNY/Fe/Mn-U	80014815	10	8		283,00
			50 mm Standard	5QN/Fe/Mn	80014816	30	25		331,00
	+Mo	37 mm Standard	3QNY/Fe/Mo	80014817	10	8	C	268,00	
		50 mm Standard	5QN/Fe/Mo	80014818	30	25		331,00	
	+Ni	37 mm Standard	3QNY/Fe/Ni	80014819	10	8	C	268,00	
		37 mm Thermo-Unicam kodiert	3QNY/Fe/Ni-U	80014820	10	8		283,00	
		50 mm Standard	5QN/Fe/Ni	80014821	30	25		331,00	
	+Zn	37 mm Standard	3QNY/Fe/Zn	80014822	10	8	C	268,00	
		37 mm Thermo-Unicam kodiert	3QNY/Fe/Zn-U	80014823	10	8		283,00	
		50 mm Standard	5QN/Fe/Zn	80014824	20	15		331,00	

Heraeus Zwei-Element Hohlkathodenlampen

Element		Typ	Modell	Best.-Nr.	max. Strom (mA)	empf. Strom (mA)	PE-Adaptertyp	Preis
Gold	+Cu	37 mm Standard	3QNY/Au/Cu	80014755	10	8	C	314,00
		37 mm Thermo-Unicam kodiert	3QNY/Au/Cu-U	80014756	10	8		331,00
		50 mm Standard	5QN/Au/Cu	80014757	15	12		378,00
	+Ni	37 mm Standard	3QNY/Au/Ni	80014758	10	8	C	314,00
		37 mm Thermo-Unicam kodiert	3QNY/Au/Ni-U	80014759	10	8		331,00
		50 mm Standard	5QN/Au/Ni	80014760	15	12		378,00
	+Pt	37 mm Standard	3QNY/Au/Pt	80014761	10	8	C	362,00
		37 mm Thermo-Unicam kodiert	3QNY/Au/Pt-U	80014762	10	8		378,00
		50 mm Standard	5QN/Au/Pt	80014763	15	12		425,00
	+Ag	37 mm Standard	3QNY/Au/Ag	80014810	10	8	C	362,00
		37 mm Thermo-Unicam kodiert	3QNY/Au/Ag-U	80014811	10	8		378,00
		50 mm Standard	5QN/Au/Ag	80014812	20	15		425,00
		50 mm PE Analyst kodiert	5QN/Au/Ag-A	80018659	20	15		488,00
	Kupfer	+Fe	37 mm Standard	3QNY/Cu/Fe	80081555	10	8	C
37 mm Thermo-Unicam kodiert			3QNY/Cu/Fe-U	80014741	10	8		283,00
50 mm Standard			5QN/Cu/Fe	80014742	30	25		331,00
+Mn		37 mm Standard	3QNY/Cu/Mn	80014743	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Cu/Mn-U	80014744	10	8		283,00
		50 mm Standard	5QN/Cu/Mn	80014745	30	25		331,00
+Mo		37 mm Thermo-Unicam	3QNY/Cu/Mo	80014746	10	8	C	268,00
		50 mm Standard	5QN/Cu/Mo	80014747	30	25		331,00
+Ni		37 mm Standard	3QNY/Cu/Ni	80014748	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Cu/Ni-U	80014749	10	8		283,00
		50 mm Standard	5QN/Cu/Ni	80014750	30	25		331,00
+Zn		37 mm Standard	3QNY/Cu/Zn	80014751	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Cu/Zn-U	80014753	10	8		283,00
		37 mm Varian kodiert	3QNY/Cu/Zn-V	80014752	10	8		283,00
		50 mm Standard	5QN/Cu/Zn	80014754	20	15		331,00
Magnesium	+Si	37 mm Standard	3QNY/Mg/Si	80014825	15	12	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Mg/Si-U	80014826	15	12		283,00
		50 mm Standard	5QN/Mg/Si	80014827	20	15		331,00
	+Zn	37 mm Standard	3QNY/Mg/Zn	80018278	15	12		268,00
		50 mm Standard	5QN/Mg/Zn	80018758	20	15		331,00
Mangan	+Mo	37 mm Standard	3QNY/Mn/Mo	80014828	10	8	C	268,00
		50 mm Standard	5QN/Mn/Mo	80014829	30	25		331,00
	+Ni	37 mm Standard	3QNY/Mn/Ni	80014840	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Mn/Ni-U	80014841	10	8		283,00
		50 mm Standard	5QN/Mn/Ni	80014842	30	25		331,00
	+Zn	37 mm Standard	3QNY/Mn/Zn	80014844	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Mn/Zn-U	80014847	10	8		283,00
		50 mm Standard	5QN/Mn/Zn	80014848	20	15		331,00

Heraeus Zwei-Element Hohlkathodenlampen

Element		Typ	Modell	Best.-Nr.	max. Strom (mA)	empf. Strom (mA)	PE-Adaptertyp	Preis
Natrium	+K	37 mm Standard	3QNY/Na/K	80014861	8	6	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Na/K-U	80014862	8	6		283,00
		37 mm Varian kodiert	3QNY/Na/K-V	80014863	8	6		283,00
		50 mm Standard	5QN/Na/K	80014864	12	10		331,00
		50 mm PE AAnalyst kodiert	5QN/Na/K-A	80018771	12	10		394,00
Platin	+Ag	37 mm Standard	3QNY/Pt/Ag	80014849	10	8	C	362,00
		37 mm Thermo-Unicam kodiert	3QNY/Pt/Ag-U	80014850	10	8		394,00
		50 mm Standard	5QN/Pt/Ag	80014851	15	12		441,00
	+Cr	37 mm Standard	3QNY/Pt/Cr	80059566	k.A.	k.A.		369,00
Silber	+Cr	37 mm Standard	3QNY/Ag/Cr	80014855	10	8	C	314,00
		37 mm Thermo-Unicam kodiert	3QNY/Ag/Cr-U	80014856	10	8		346,00
		50 mm Standard	5QN/Ag/Cr	80014857	20	16		394,00
	+Cu	37 mm Standard	3QNY/Ag/Cu	80014858	10	8	C	314,00
		37 mm Thermo-Unicam kodiert	3QNY/Ag/Cu-U	80014859	10	8		346,00
		50 mm Standard	5QN/Ag/Cu	80014860	25	16		394,00
Silicium	+Ti	37 mm Standard	3QNY/Si/Ti	80014852	15	12	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Si/Ti-U	80014853	15	12		283,00
		50 mm Standard	5QN/Si/Ti	80014854	20	16		331,00

Heraeus Drei-Element Hohlkathodenlampen

Element	Typ	Modell	Best.-Nr.	max. Strom (mA)	empf. Strom (mA)	PE-Adaptertyp	Preis	
Aluminium	+Ca+Mg	37 mm Standard	3QNY/Al/Ca/Mg	80081553	10	8	C	268,00
		50 mm Standard	5QN/Al/Ca/Mg	80014867	20	15		331,00
		50 mm PE AAnalyst kodiert	5QN/Al/Ca/Mg-A	80018650	20	15		394,00
	+Si+Ti	37 mm Standard	3QNY/Al/Si/Ti	80014869	15	12	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Al/Si/Ti-U	80014870	15	12		283,00
		50 mm Standard	5QN/Al/Si/Ti	80014871	20	16		331,00
Antimon	+As+Bi	37 mm Standard	3QNY/Sb/As/Bi	80081504	15	12	C	302,00
		50 mm Standard	5QN/Sb/As/Bi	80014873	20	16		331,00
Calcium	+Ba+Sr	37 mm Standard	3QNY/Ca/Ba/Sr	80014876	15	12	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Ca/Ba/Sr-U	80014877	15	12		283,00
		50 mm Standard	5QN/Ca/Ba/Sr	80014878	20	15		331,00
	+Mg+Si	37 mm Standard	3QNY/Ca/Mg/Si	80014879	15	12	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Ca/Mg/Si-U	80014880	15	12		283,00
		50 mm Standard	5QN/Ca/Mg/Si	80014881	20	15		331,00
	+Mg+Zn	37 mm Standard	3QNY/Ca/Mg/Zn	80014882	10	8	C	268,00
		50 mm Standard	5QN/Ca/Mg/Zn	80014884	20	20		331,00
		50 mm PE AAnalyst kodiert	5QN/Ca/Mg/Zn-A	80018671	20	20		394,00
Chrom	+Co+Cu	37 mm Standard	3QNY/Cr/Co/Cu	80018205	10	8	C	268,00
		50 mm Standard	5QN/Cr/Co/Cu	80018698	30	25		331,00
	+Co+Fe	37 mm Standard	3QNY/Cr/Co/Fe	80018216	10	8	C	268,00
		50 mm Standard	5QN/Cr/Co/Fe	80018711	30	25		331,00
	+Co+Mn	37 mm Standard	3QNY/Cr/Co/Mn	80018220	10	8	C	268,00
		50 mm Standard	5QN/Cr/Co/Mn	80018715	30	25		331,00
	+Co+Ni	37 mm Standard	3QNY/Cr/Co/Ni	80018223	10	8	C	268,00
		50 mm Standard	5QN/Cr/Co/Ni	80018717	30	25		331,00
	+Cu+Fe	37 mm Standard	3QNY/Cr/Cu/Fe	80018224	10	8	C	268,00
		50 mm Standard	5QN/Cr/Cu/Fe	80018718	30	25		331,00
	+Cu+Mn	37 mm Standard	3QNY/Cr/Cu/Mn	80018229	10	8	C	268,00
		50 mm Standard	5QN/Cr/Cu/Mn	80018725	30	25		331,00
	+Cu+Ni	37 mm Standard	3QNY/Cr/Cu/Ni	80018233	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Cr/Cu/Ni-U	80018235	10	8		283,00
		50 mm Standard	5QN/Cr/Cu/Ni	80018728	30	25		331,00
	+Fe+Mn	37 mm Standard	3QNY/Cr/Fe/Mn	80018236	10	8	C	268,00
		50 mm Standard	5QN/Cr/Fe/Mn	80018732	30	25		331,00
	+Fe+Ni	37 mm Standard	3QNY/Cr/Fe/Ni	80018239	10	8	C	268,00
		50 mm Standard	5QN/Cr/Fe/Ni	80018735	30	25		331,00
	+Mn+Ni	37 mm Standard	3QNY/Cr/Mn/Ni	80018241	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Cr/Mn/Ni-U	80018242	10	8		283,00
50 mm Standard		5QN/Cr/Mn/Ni	80018737	30	25		331,00	

Heraeus Drei-Element Hohlkathodenlampen

Element		Typ	Modell	Best.-Nr.	max. Strom (mA)	empf. Strom (mA)	PE-Adaptertyp	Preis
Cobalt	+Cu+Fe	37 mm Standard	3QNY/Co/Cu/Fe	80018177	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Co/Cu/Fe-U	80018184	10	8		283,00
		50 mm Standard	5QN/Co/Cu/Fe	80018677	30	25		331,00
	+Cu+Mn	37 mm Standard	3QNY/Co/Cu/Mn	80018185	10	8	C	268,00
		50 mm Standard	5QN/Co/Cu/Mn	80018685	30	25		331,00
	+Mn+Ni	37 mm Standard	3QNY/Co/Mn/Ni	80018199	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Co/Mn/Ni-U	80018200	10	8		283,00
		50 mm Standard	5QN/Co/Mn/Ni	80018696	30	25		331,00
	Eisen	+Mn+Ni	37 mm Standard	3QNY/Fe/Mn/Ni	80018266	10	8	C
37 mm Thermo-Unicam kodiert			3QNY/Fe/Mn/Ni-U	80018267	10	8		283,00
50 mm Standard			5QN/Fe/Mn/Ni	80018755	30	25		331,00
+Mn+Zn		37 mm Standard	3QNY/Fe/Mn/Zn	80018268	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Fe/Mn/Zn-U	80018269	10	8		283,00
		50 mm Standard	5QN/Fe/Mn/Zn	80018756	20	15		331,00
Gold	+Cu+Ni	37 mm Standard	3QNY/Au/Cu/Ni	80018152	10	8	C	362,00
		37 mm Thermo-Unicam kodiert	3QNY/Au/Cu/Ni-U	80018153	10	8		378,00
		50 mm Standard	5QN/Au/Cu/Ni	80018660	15	12		425,00
	+Pt+Ag	37 mm Standard	3QNY/Au/Pt/Ag	80018155	10	8	C	473,00
		37 mm Thermo-Unicam kodiert	3QNY/Au/Pt/Ag-U	80018156	10	8		488,00
		50 mm Standard	5QN/Au/Pt/Ag	80018661	15	12		536,00
Kupfer	+Fe+Mn	37 mm Standard	3QNY/Cu/Fe/Mn	80018245	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Cu/Fe/Mn-U	80020173	10	8		302,00
	+Fe+Mo	37 mm Standard	3QNY/Cu/Fe/Mo	80018251	10	8		268,00
		50 mm Standard	5QN/Cu/Fe/Mo	80018744	30	25		331,00
	+Fe+Ni	37 mm Standard	3QNY/Cu/Fe/Ni	80018252	10	8	C	268,00
		50 mm Standard	5QN/Cu/Fe/Ni	80018745	30	25		331,00
	+Fe+Zn	37 mm Standard	3QNY/Cu/Fe/Zn	80018254	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Cu/Fe/Zn-U	80018256	10	8		283,00
		50 mm Standard	5QN/Cu/Fe/Zn	80018749	30	25		331,00
	+Mn+Ni	37 mm Standard	3QNY/Cu/Mn/Ni	80018258	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Cu/Mn/Ni-U	80018259	10	8		283,00
		50 mm Standard	5QN/Cu/Mn/Ni	80018751	30	25		331,00
	+Mn+Zn	37 mm Standard	3QNY/Cu/Mn/Zn	80018260	10	8	C	268,00
		37 mm Thermo-Unicam kodiert	3QNY/Cu/Mn/Zn-U	80018261	10	8		283,00
		50 mm Standard	5QN/Cu/Mn/Zn	80018752	20	15		331,00
	+Zn+Mo	37 mm Standard	3QNY/Cu/Zn/Mo	80024192	10	8		302,00

Heraeus Drei-Element Hohlkathodenlampen

Element		Typ	Modell	Best.-Nr.	max. Strom (mA)	empf. Strom (mA)	PE-Adaptertyp	Preis
Molybdän	+Cr+Co	37 mm Standard	3QNY/Mo/Cr/Co	80018222	10	8	C	268,00
		50 mm Standard	5QN/Mo/Cr/Co	80018676	30	25		331,00
	+Cr+Cu	37 mm Standard	3QNY/Mo/Cr/Cu	80018232	10	8	C	268,00
		50 mm Standard	5QN/Mo/Cr/Cu	80018727	30	25		331,00
	+Cr+Fe	37 mm Standard	3QNY/Mo/Cr/Fe	80018238	10	8	C	268,00
		50 mm Standard	5QN/Mo/Cr/Fe	80018734	30	25		331,00
	+Cr+Mn	37 mm Standard	3QNY/Mo/Cr/Mn	80018240	10	8	C	268,00
		50 mm Standard	5QN/Mo/Cr/Mn	80018736	30	25		331,00
	+Co+Fe	37 mm Standard	3QNY/Mo/Co/Fe	80018196	10	8	C	268,00
		50 mm Standard	5QN/Mo/Co/Fe	80018693	30	25		331,00
	+Co+Cu	37 mm Standard	3QNY/Mo/Co/Cu	80018189	10	8	C	268,00
		50 mm Standard	5QN/Mo/Co/Cu	80018688	30	25		331,00
	+Co+Mn	37 mm Standard	3QNY/Mo/Co/Mn	80018198	10	8	C	268,00
		50 mm Standard	5QN/Mo/Co/Mn	80018695	30	25		331,00
	+Cu+Fe	50 mm Standard	5QN/Mo/Cu/Fe	80018744	k.A.	k.A.		331,00
	+Cu+Mn	37 mm Standard	3QNY/Mo/Cu/Mn	80018257	10	8	C	268,00
		50 mm Standard	5QN/Mo/Cu/Mn	80018750	30	25		331,00
	+Fe+Mn	37 mm Standard	3QNY/Mo/Fe/Mn	80018265	10	8	C	268,00
		50 mm Standard	5QN/Mo/Fe/Mn	80018754	30	25		331,00
	Silber	+Cr+Cu	37 mm Standard	3QNY/Ag/Cr/Cu	80018128	10	8	C
37 mm Thermo-Unicam kodiert			3QNY/Ag/Cr/Cu-U	80018129	10	8		378,00
50 mm Standard			5QN/Ag/Cr/Cu	80018642	25	20		425,00
+Cu+Ni		37 mm Standard	3QNY/Ag/Cu/Ni	80018130	10	8	C	362,00
		50 mm Standard	5QN/Ag/Cu/Ni	80018643	25	20		425,00

Heraeus Vier-Element Hohlkathodenlampen

Element	Typ	Modell	Best.-Nr.	max. Strom (mA)	empf. Strom (mA)	PE-Adaptertyp	Preis		
Aluminium	+ Ca+Fe+Mg	37 mm Standard	3QNY/Al/Ca/Fe/Mg	80018135	15	12	C	411,00	
		50 mm Standard	5QN/Al/Ca/Fe/Mg	80018647	20	16		434,00	
	+ Ca+Fe+Ti	50 mm Standard	5QN/Al/Cu/Fe/Ti	80018653	20	16		434,00	
		+ Ca+Li+Mg	37 mm Standard	3QNY/Al/Ca/Li/Mg	80081554	10	8	C	502,00
			50 mm Standard	5QN/Al/Ca/Li/Mg	80018648	20	16		434,00
Barium	+ Ca+Mg+Sr	37 mm Standard	3QNY/Ba/Ca/Mg/Sr	80081552	15	12	C	502,00	
		50 mm Standard	5QN/Ba/Ca/Mg/Sr	80018664	20	15		434,00	
Chrom	+ Co+Cu+Fe	37 mm Standard	3QNY/Cr/Co/Cu/Fe	80018206	10	8	C	410,00	
		50 mm Standard	5QN/Cr/Co/Cu/Fe	80018699	30	25		434,00	
	+ Co+Cu+Mn	37 mm Standard	3QNY/Cr/Co/Cu/Mn	80018213	10	8	C	363,00	
		50 mm Standard	5QN/Cr/Co/Cu/Mn	80018706	30	25		382,00	
	+ Co+Cu+Ni	37 mm Standard	3QNY/Cr/Co/Cu/Ni	80018215	10	8	C	389,00	
		50 mm Standard	5QN/Cr/Co/Cu/Ni	80018710	30	25		434,00	
	+ Co+Fe+Mn	37 mm Standard	3QNY/Cr/Co/Fe/Mn	80018217	10	8	C	333,00	
		50 mm Standard	5QN/Cr/Co/Fe/Mn	80018712	30	25		382,00	
	+ Co+Fe+Ni	37 mm Standard	3QNY/Cr/Co/Fe/Ni	80018219	10	8	C	333,00	
		50 mm Standard	5QN/Cr/Co/Fe/Ni	80018714	30	25		434,00	
	+ Co+Mn+Ni	37 mm Standard	3QNY/Cr/Co/Mn/Ni	80018221	10	8	C	389,00	
		50 mm Standard	5QN/Cr/Co/Mn/Ni	80018716	30	25		434,00	
	+ Cu+Fe+Mn	37 mm Standard	3QNY/Cr/Cu/Fe/Mn	80018225	10	8	C	449,00	
		50 mm Standard	5QN/Cr/Cu/Fe/Mn	80018719	30	25		434,00	
	+ Cu+Fe+Ni	37 mm Standard	3QNY/Cr/Cu/Fe/Ni	80018227	10	8	C	389,00	
		50 mm Standard	5QN/Cr/Cu/Fe/Ni	80018721	30	25		434,00	
	+ Cu+Mn+Ni	37 mm Standard	3QNY/Cr/Cu/Mn/Ni	80018230	10	8	C	367,00	
		37 mm Thermo-Unicam kodiert	3QNY/Cr/Cu/Mn/Ni-U	80018231	10	8		389,00	
		50 mm Standard	5QN/Cr/Cu/Mn/Ni	80018726	30	25		434,00	
	+ Cu+Ni+Ag	37 mm Standard	3QNY/Cr/Cu/Ni/Ag	80018234	10	8	C	410,00	
		50 mm Standard	5QN/Cr/Cu/Ni/Ag	80018729	30	25		434,00	
		50 mm PE AAnalyst kodiert	5QN/Cr/Cu/Ni/Ag-A	80018730	30	25		434,00	
+ Fe+Mn+Ni	37 mm Standard	3QNY/Cr/Fe/Mn/Ni	80018237	10	8	C	411,00		
	50 mm Standard	5QN/Cr/Fe/Mn/Ni	80018733	20	16		434,00		
Cobalt	+ Cu+Fe+Mn	37 mm Standard	3QNY/Co/Cu/Fe/Mn	80018178	10	8	C	389,00	
		37 mm Thermo-Unicam kodiert	3QNY/Co/Cu/Fe/Mn-U	80018181	10	8		410,00	
		50 mm Standard	5QN/Co/Cu/Fe/Mn	80018678	30	25		434,00	
	+ Cu+Fe+Ni	37 mm Standard	3QNY/Co/Cu/Fe/Ni	80018183	10	8	C	389,00	
		50 mm Standard	5QN/Co/Cu/Fe/Ni	80018684	30	25		434,00	
	+ Cu+Mn+Ni	37 mm Standard	3QNY/Co/Cu/Mn/Ni	80018187	10	8	C	389,00	
		37 mm Thermo-Unicam kodiert	3QNY/Co/Cu/Mn/Ni-U	80018188	10	8		410,00	
		50 mm Standard	5QN/Co/Cu/Mn/Ni	80018687	30	25		434,00	
	+ Fe+Mn+Ni	37 mm Standard	3QNY/Co/Fe/Mn/Ni	80018193	10	8	C	389,00	
		37 mm Thermo-Unicam kodiert	3QNY/Co/Fe/Mn/Ni-U	80018194	10	8		410,00	
		50 mm Standard	5QN/Co/Fe/Mn/Ni	80018692	30	25		434,00	

Heraeus Vier-Element Hohlkathodenlampen

Element		Typ	Modell	Best.-Nr.	max. Strom (mA)	empf. Strom (mA)	PE-Adaptertyp	Preis
Kupfer	+ Fe+Mn+Ni	37 mm Standard	3QNY/Cu/Fe/Mn/Ni	80018247	10	8	C	411,00
		37 mm Thermo-Unicam kodiert	3QNY/Cu/Fe/Mn/Ni-U	80018248	10	8		434,00
		50 mm Standard	5QN/Cu/Fe/Mn/Ni	80018740	30	25		502,00
	+ Fe+Mn+Zn	37 mm Standard	3QNY/Cu/Fe/Mn/Zn	80018249	10	8	C	434,00
		37 mm Thermo-Unicam kodiert	3QNY/Cu/Fe/Mn/Zn-U	80018250	10	8		434,00
		50 mm Standard	5QN/Cu/Fe/Mn/Zn	80018741	20	15		502,00
		50 mm PE AAnalyst kodiert	5QN/Cu/Fe/Mn/Zn-A	80018742	20	15		502,00
	+ Fe+Ni+Ag	37 mm Standard	3QNY/Cu/Fe/Ni/Ag	80018253	10	8	C	434,00
		50 mm Standard	5QN/Cu/Fe/Ni/Ag	80018746	20	16		502,00
	+Zn+Pb+Cd	37 mm Standard	3QNY/Cu/Zn/Pb/Cd	80081510	10	8		502,00
Molybdän	+ Co+Cu+Fe	37 mm Standard	3QNY/Mo/Co/Cu/Fe	80018182	10	8	C	389,00
		50 mm Standard	5QN/Mo/Co/Cu/Fe	80018683	30	25		434,00
	+ Co+Cu+Mn	37 mm Standard	3QNY/Mo/Co/Cu/Mn	80018186	10	8	C	389,00
		50 mm Standard	5QN/Mo/Co/Cu/Mn	80018686	30	25		434,00
	+ Co+Fe+Mn	37 mm Standard	3QNY/Mo/Co/Fe/Mn	80018192	10	8	C	389,00
		50 mm Standard	5QN/Mo/Co/Fe/Mn	80018691	30	25		434,00
	+ Cu+Fe+Mn	37 mm Standard	3QNY/Mo/Cu/Fe/Mn	80018246	10	8	C	434,00
		50 mm Standard	5QN/Mo/Cu/Fe/Mn	80018739	30	25		434,00

Heraeus Fünf-Element Hohlkathodenlampen

Element		Typ	Modell	Best.-Nr.	max. Strom (mA)	empf. Strom (mA)	PE-Adaptertyp	Preis
Chrom	+ Co+Cu+Fe+Mn	37 mm Standard	3QNY/Cr/Co/Cu/Fe/Mn	80018207	10	8	C	411,00
		50 mm Standard	5QN/Cr/Co/Cu/Fe/Mn	80018700	30	25		502,00
	+ Co+Cu+Fe+Ni	37 mm Standard	3QNY/Cr/Co/Cu/Fe/Ni	80018212	10	8	C	411,00
		50 mm Standard	5QN/Cr/Co/Cu/Fe/Ni	80018705	30	25		502,00
	+ Co+Cu+Mn+Ni	37 mm Standard	3QNY/Cr/Co/Cu/Mn/Ni	80018214	10	8	C	411,00
		50 mm Standard	5QN/Cr/Co/Cu/Mn/Ni	80018707	30	25		502,00
		50 mm PE AAnalyst kodiert	5QN/Cr/Co/Cu/Mn/Ni-A	80018708	30	25		594,00
	+ Co+Fe+Mn+Ni	37 mm Standard	3QNY/Cr/Co/Fe/Mn/Ni	80018218	10	8	C	411,00
		50 mm Standard	5QN/Cr/Co/Fe/Mn/Ni	80018713	30	25		502,00
	+ Cu+Fe+Mn+Ni	37 mm Standard	3QNY/Cr/Cu/Fe/Mn/Ni	80018226	10	8	C	411,00
		50 mm Standard	5QN/Cr/Cu/Fe/Mn/Ni	80018720	30	25		502,00
	+ Cu+Fe+Ni+Ag	37 mm Standard	3QNY/Cr/Cu/Fe/Ni/Ag	80018228	10	8	C	548,00
		50 mm Standard	5QN/Cr/Cu/Fe/Ni/Ag	80018722	20	16		639,00
		50 mm PE AAnalyst kodiert	5QN/Cr/Cu/Fe/Ni/Ag-A	80018723	20	16		708,00
	Cobalt	+ Cu+Fe+Mn+Mo	37 mm Standard	3QNY/Co/Cu/Fe/Mn/Mo	80018179	10	8	C
50 mm Standard			5QN/Co/Cu/Fe/Mn/Mo	80018679	30	25		502,00
50 mm PE AAnalyst kodiert			5QN/Co/Cu/Fe/Mn/Mo-A	80018680	30	25		594,00
+ Cu+Fe+Mn+Ni		37 mm Standard	3QNY/Co/Cu/Fe/Mn/Ni	80018180	10	8	C	411,00
		50 mm Standard	5QN/Co/Cu/Fe/Mn/Ni	80018682	30	25		502,00

Heraeus Sechs-Element Hohlkathodenlampen

Element		Typ	Modell	Best.-Nr.	max. Strom (mA)	empf. Strom (mA)	PE-Adaptertyp	Preis
Chrom	+Co+Cu+Fe+Mn+Mo	37 mm Standard	3QNY/Cr/Co/Cu/Fe/Mn/Mo	80018208	10	8	C	411,00
		50 mm Standard	5QN/Cr/Co/Cu/Fe/Mn/Mo	80018701	30	25		502,00
	+Co+Cu+Fe+Mn+Ni	37 mm Standard	3QNY/Cr/Co/Cu/Fe/Mn/Ni	80079298	10	8	C	411,00
		37 mm Varian kodiert	3QNY/Cr/Co/Cu/Fe/Mn/Ni-V	80018211	10	8		434,00
		50 mm Standard	5QN/Cr/Co/Cu/Fe/Mn/Ni	80018702	30	25		502,00
		50 mm PE AAnalyst kodiert	5QN/Cr/Co/Cu/Fe/Mn/Ni-A	80018703	30	25		594,00

Heraeus Sieben-Element Hohlkathodenlampen

Element		Typ	Modell	Best.-Nr.	max. Strom (mA)	empf. Strom (mA)	PE-Adaptertyp	Preis
Aluminium	+Ca+Cu+Fe+Mg+Si+Zn	37 mm Standard	3QNY/Al/Ca/Cu/Fe/Mg/Si/Zn	80018133	15	15	C	456,00
		50 mm Standard	5QN/Al/Ca/Cu/Fe/Mg/Si/Zn	80018644	30	25		548,00
		50 mm PE AAnalyst kodiert	5QN/Al/Ca/Cu/Fe/Mg/Si/Zn-A	80018645	30	25		639,00