



BOSTON, MASS.
LAS VEGAS, NEV.
SANTA BARBARA, CALIF.

KRYTRON PRICE LIST FOR DATA SHEET # 090

MODEL NUMBER	UNIT PRICE
KN-1	\$ 9.95
KN-2	9.95
KN-3	18.00
KN-4	18.00
KN-5	14.50
KN-6	14.50
KN-7	12.50

SHIPPING WEIGHT — Approximately $\frac{1}{4}$ lb.

DELIVERY — Small quantities — 1 week.

Large quantities — in excess of
1000 per month starting approxi-
mately 3 months after receipt
of order.

TERMS — All prices F.O.B. Boston, Mass.

Net 30 days.

Prices subject to change without
notice.

EDGERTON, GERMESHAUSEN & GRIER, INC.

160 Brookline Avenue

Boston 15, Mass.

Tel: COpley 7-9700 • Cable: EGGINC, Boston • TWX: CAMB 1099

COMPONENTS PRICE LIST

A. FLASHTUBES

1. QUARTZ ENVELOPE, LINEAR PULSED XENON FLASHTUBES (Data Sheet F1002)

Type	Bore Size (mm) I.D. x O.D.	UNIT PRICE			Type	Bore Size (mm) I. D. x O. D.	UNIT PRICE		
		1-10	11-25	26-100			1-10	11-25	26-100
FX-1C-6	4 x 6	\$ 55	\$ 55	\$ 44	FX-77C-4	19 x 22	\$ 116	\$ 105	\$ 94
FX-5C-9	4 x 6	60	60	55	FX-77C-4.25	19 x 22	116	105	94
FX-33C-1.5	4 x 6	42	40	35	FX-77C-8	19 x 22	127	116	105
FX-33C-2	4 x 6	42	39	32	FX-77C-9	19 x 22	138	127	116
FX-38C-2	4 x 6	42	40	35	FX-77C-11.5	19 x 22	143	132	121
FX-38C-3	4 x 6	36	34	31	FX-77C-13	19 x 22	149	138	121
FX-42C-3	7 x 9	55	51	44	FX-77C-22	19 x 22	231	182	165
FX-45C-6	7 x 9	59	55	48	FX-77C-44	19 x 22	259	209	193
FX-47C-3	13 x 15	80	75	66	FX-81C-3	10 x 12	99	94	77
FX-47C-4	13 x 15	94	83	66	FX-81C-4	10 x 12	99	94	77
FX-47C-4.5	13 x 15	94	83	66	FX-81C-6.5	10 x 12	105	99	83
FX-47C-6.5	13 x 15	70	65	54	FX-81C-8	10 x 12	105	99	83
FX-47C-12	13 x 15	105	94	83	FX-84C-1.5	4 x 6	50	43	37
FX-47C-18	13 x 15	121	105	99	FX-85C-3	4 x 6	51	45	39
FX-47C-22	13 x 15	149	138	127	FX-98C-3	5 x 7	48	44	39
FX-47C-44	13 x 15	193	182	171	FX-98C-3.25	5 x 7	48	44	39
FX-52C-3(C)	7 x 9	88	83	77	FX-103C-2	4 x 6	55	50	43
FX-52C-3(S)	7 x 9	72	66	61	FX-103C-3	4 x 6	55	50	43
FX-55C-6(C)	7 x 9	94	88	83	FX-105C-7	11 x 17	165	150	135
FX-55C-6(S)	7 x 9	76	70	65	FX-147C-2	3 x 5	61	55	50

2. QUARTZ ENVELOPE, WATER COOLED, PULSED XENON FLASHTUBES (Data Sheet F1004)

Type	Bore Size (mm) I.D. x O.D.	UNIT PRICE		
		1-10	11-25	26-100
FX-62B-3	7 x 9	\$ 138	\$ 127	\$ 116
FX-65B-6	7 x 9	143	132	121
FX-67B-6.5	13 x 15	154	143	127
FX-74B-1.5	4 x 6	121	110	99
FX-75B-3	4 x 6	121	110	99

All tubes are supplied with complete mounting hardware, water fittings and quartz outer jackets.

3. QUARTZ ENVELOPE, HELICAL PULSED XENON FLASHTUBES (Data Sheet F1012)

Type	Bore Size (mm) I. D. x O. D.	UNIT PRICE		
		1-10	11-25	26-100
FX-29C	5 x 7	\$ 165	\$ 138	\$ 127
FX-46C	4 x 6	193	176	165
FX-60C	7 x 9	154	138	127
FX-94C	4 x 6	250	220	193
FX-95C	10 x 12	275	248	220
FX-96C	13 x 15	495	468	440
FX-239C	4 x 6	358	314	303

4. QUARTZ ENVELOPE, KRYPTON DC LAMPS
(Data Sheet F1008)

Type	Bore Size (mm) I. D. x O. D.	UNIT PRICE		
		1-10	11-25	26-100
FK-99C-1.5(C)	4 x 5	\$ 193	\$ 171	\$ 154
FK-99C-1.5(S)	4 x 5	150	131	110
FK-99C-2(C)	4 x 5	204	182	160
FK-99C-2(S)	4 x 5	159	138	121
FK-99C-3(C)	4 x 5	215	193	176
FK-99C-3(S)	4 x 5	171	149	132
FK-111C-1.5(C)	7 x 9	237	215	198
FK-111C-1.5(S)	7 x 9	193	171	154
FK-111C-2(C)	7 x 9	242	220	204
FK-111C-2(S)	7 x 9	198	176	160
FK-111C-3(C)	7 x 9	248	226	209
FK-111C-3(S)	7 x 9	204	182	165
FK-125C-2.75(S)	5 x 6	171	149	132
FK-125C-3(C)	5 x 6	215	192	176
FK-125C-3(S)	5 x 6	175	149	132
FK-128C-3(C)	10 x 12	259	231	215
FK-128C-3(S)	10 x 12	205	187	171
FK-175C-3(S)	4 x 6	171	149	132
*FK-181C-2(S)	4 x 5	\$ 171	\$ 149	\$ 132

(S) specifies stripped tubes; (C) specifies complete tubes which includes stripped tube, mounting hardware, water fittings and UV inhibiting quartz outer jackets.

*Available only in the stripped model.

5. QUARTZ ENVELOPE, XENON PULSED DYE LASER TUBES (Data Sheet F1015)

Type	Bore Size (mm) I. D. x O. D.	UNIT PRICE		
		1-10	11-25	26-100
FX-139C-2	3.5 x 7	\$ 94	\$ 94	\$ 83
FX-139C-3.5	3.5 x 7	94	94	83
FX-140C-3.5	5 x 8	105	105	94
FX-141C-3.5	7 x 10	105	105	94
FX-142C-3.5	7 x 11	121	121	110
FX-143C-6	15 x 20	149	149	132

All Dye Laser Tubes can be supplied with mounting hardware, water fittings and outer quartz jackets by specifying (C) complete aftertype number and adding \$44.00 to unit price.

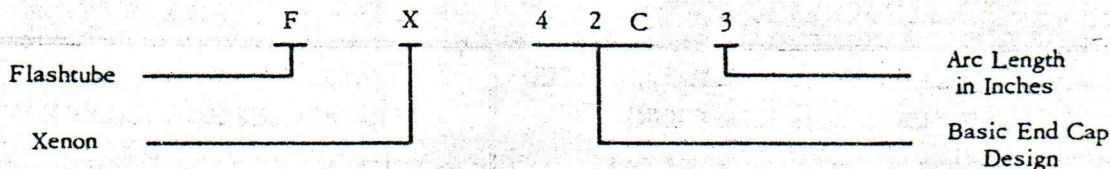
6. MISCELLANEOUS TYPES - QUARTZ ENVELOPE, PULSED XENON FLASHTUBES

Type	Data Sheet Reference	UNIT PRICE		
		1-10	11-25	26-100
FX-2C	For EG&G 501 Strobe	\$ 110	\$ 99	\$ 99
FX-3C	For EG&G 501 Strobe	110	99	99
FX-11C-0.125	F1013	50	44	42
FX-12C-0.25	F1013	55	55	46
FX-41	F1007	39	39	31
FX-51C-3	F1014	94	88	77
FX-53C-3	F1011	215	215	204
FX-53Z-3	F1011	215	215	204
FX-100C-2.4	F1014	64	57	55

FLASHTUBE ORDERING INFORMATION

EG&G letter and number designations specify standard tube types.

Example:



ENVELOPE MATERIAL: Unless otherwise specified, all tubes are supplied with quartz (fused silica) envelopes.

Tubes can be supplied with envelope material which cuts off spectral output in the ultraviolet region eliminating ozone. This material has the same energy loading characteristics as the standard quartz and should be ordered by specifying the letter G, e. g., FXG-42C-3. Add \$10.00 per tube to the 1-10 unit price and \$5.00 per tube to the 11-100 unit price. Suprasil material which enhances the ultraviolet output is also available. Specify as FXS-42C-3 and request prices.

GAS FILL: Xenon is the gas used for most standard tube types. Krypton, argon or mixtures of these gases are also available. For krypton fill tubes, specify the letter K, e. g., FK-42C-3. Add \$10.00 each for 1-10 pieces and \$5.00 each for 11-100 pieces.

PRESSURE FILL: Standard tubes are supplied with pressure fills between 200-500 torr xenon. Pressure fills up to 6 atmospheres in either xenon or krypton are available upon request.

SPECIAL DESIGNS: Custom design tubes are available with arc lengths up to 72 inches. Changes in quartz dimensions and configurations, flexible leads, special mounting hardware and end lugs are readily available upon request.

Outer quartz jackets for any water cooled tubes are \$20.00 each and mounting hardware is \$15.00 per set.

7. BULB TYPE - XENON PULSED FLASHTUBES

Type	Arc Length (inches)	UNIT PRICE		
		1-10	11-25	26-100

9 PIN TYPES: 5 JOULES, 7 WATT RATING

(Data Sheet F1005)

FX-6A or FX-6B	5/16	\$ 17	\$ 17	\$ 16
FX-6AU or FX-6BU		Use FX-108AU or FX-108BU		
FX-35B	5/16	44	44	39
FX-101 or FX-101B	5/16	28	28	21
FX-102	5/16	42	39	35
FX-108 or FX-108B	5/16	39	33	28
FX-108AU or FX-108BU	5/16	55	50	44
FX-114	1/8	50	39	33
FX-119	0.060	50	39	33
FX-127	1/8	50	39	33

12 PIN TYPES: 20 JOULES, 20 WATT RATING

(Data Sheet F1005)

FX-76	5/16	\$ 94	\$ 83	\$ 61
FX-76U	5/16	165	165	149
FX-124	1/8	127	105	77
FX-131	0.060	127	105	105
FX-133	5/16	127	105	105
FX-134	5/16	127	105	105
FX-137	1/8	165	153	138
FX-138	5/16	127	105	105

7 PIN TYPE: 200 JOULES, 100 WATT RATING

(Data Sheet F1009)

FX-132	3/8	\$ 193	\$ 193	\$ 165
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B. PULSE TRIGGER TRANSFORMERS
(Data Sheet T4000)

Type	UNIT PRICE		
	1-10	11-25	26-100
TR-36A	\$ 23	\$ 21	\$ 19
TR-60	Discontinued - Use TR-1700		
TR-69	Discontinued - Use TR-1700		
TR-76A	23	21	19
TR-90A	23	21	19
TR-130	28	26	23
TR-131	28	26	23
TR-132C	33	31	27
TR-148A	49	48	44
TR-149	28	27	24
TR-150	120	Replacement for TM-11 Output Transformer	
TR-153	105	99	94
TR-157	Discontinued - Use TR-149		
TR-165	28	27	24
TR-180B	30	28	25
TR-180C	34	34	30
TR-181	130	130	115
TR-1623	28	26	23
TR-1647	41	38	35
TR-1656	90	Replacement for TM-11A Output Transformer	
TR-1694	24	24	22
TR-1698	38	36	33
TR-1700	58	52	49

C. SERIES INJECTION TRIGGER TRANSFORMERS
(Data Sheet T4000)

Type	UNIT PRICE		
	1-10	11-25	26-100
TS-136B	\$ 195	\$ 175	\$ 160
TS-146A	145	120	110
TS-170	95	85	75
TS-179	95	85	75
TS-185	96	90	85
TS-199	95	85	78
TS-1660	350	330	310
TS-1695	198	170	160
TS-1701	145	120	110
TS-1704	75	69	50
TS-1710	95	78	70
TS-1711	700	600	500
TS-1712	780	700	650

D. CHOKES (Data Sheet T4000)

Type	UNIT PRICE		
	1-10	11-25	26-100
TC-70	\$ 43	\$ 36	\$ 30
TC-71	43	36	30
TC-79	99	89	80
TC-80	99	89	80
TC-102	99	89	80
TC-196	43	36	30
TC-198	43	36	30
TC-201	99	89	80
TC-202	60	55	48
TC-203	60	55	48

E. LITE-PACS (For Bulb Type Flashtubes)

FOR 9 PIN TUBES (FX-6, 101, 102, etc.)

Type	UNIT PRICE		
	1-10	11-25	26-100
FY-5A	\$ 35	\$ 33	\$ 28
FY-5B	35	33	28
FY-5D	35	33	28
FY-5E	35	33	28
FY-5G	35	33	28

FOR 12 PIN TUBES (FX-76, 124, etc.)

Type	UNIT PRICE		
	1-10	11-25	26-100
FY-6	\$ 39	\$ 37	\$ 32
FY-6A	39	37	32
FY-6B	39	37	32
FY-6C	39	37	32
FY-6E	39	37	32
FY-6F	39	37	32

FOR 7 PIN TUBES (FX-132)

Type	UNIT PRICE		
	1-10	11-25	26-100
FY-7	\$ 175	\$ 150	\$ 125

F. TRIGGER MODULES

Type	UNIT PRICE		
	1-10	11-25	26-100
TM-11A	\$ 410	\$ 385	\$ 350
(For external triggering of Flashtubes & Triggered Spark Gaps)			
TM-12	\$ 490	\$ 450	\$ 450
(For Series Injection Triggering of Flashtubes)			
TM-27	\$ 750	--	--
(For triggering all Thyratrons, except 8614/HY-5)			
TM-29	\$ 1000	--	--
(For 8614/HY-5 Thyatron)			

G. TRIGGERED SPARK GAPS (Ceramic - Metal)
(Data Sheet G6000)

Type	UNIT PRICE		
	1-10	11-25	26-100
<u>25 Joules</u>			
GP-11B Replaced by GP-90			
GP-16B Replaced by GP-89			
GP-17B Replaced by GP-91			
GP-39 Replaced by GP-92			
GP-89	\$150	\$135	\$115
GP-90	150	135	115
GP-91	150	135	115
GP-92	150	135	115
<u>200 Joules</u>			
GP-20B	\$190	\$175	\$155
GP-20C	210	195	175
GP-31B	190	175	155
GP-46B	190	175	155
GP-82B	190	175	155
<u>2000 Joules</u>			
GP-85	\$245	\$230	\$195
GP-86	245	230	195
GP-87	245	230	195
GP-70	245	230	195
<u>2500 Joules</u>			
GP-12B	\$300	\$285	\$250
GP-14B	300	285	250
GP-22B	300	285	250
GP-30B	300	285	250
<u>4000 Joules</u>			
GP-15B	\$385	\$360	\$345
GP-32B	385	360	345
GP-41B	385	360	345
(Convolute Ceramic Body)			
<u>4000 Joules</u>			
GP-74B	\$650	\$600	\$560
GP-81B	350	800	775

H. THYRATRONS (Ceramic - Metal)
(Data Sheet H5000)

Mil No.	EG&G No.	UNIT PRICE
		1-10
7621	HY-2	\$ 260
----	HY-26	260
7782	HY-6	260
7665	HY-60	260
----	HY-61	330
8765	HY-63	250
----	HY-11	350
----	HY-1102	375
----	HY-13	450
8613	HY-1A	350
7620	HY-10	350
7322	1802	600
8354	HY-31	695
----	HY-32	695
----	HY-35	600
----	HY-3202	775
8614	HY-5	1750
----	HY-53	1850
MT-4 tube mount for 7322/1802, 8354/ HY-31, and HY-32		50

J. KRYTRONS (Data Sheet K5000)

Type	UNIT PRICE		
	1-10	11-25	26 and Up
KN-2	\$ 27	\$ 25	\$ 22
KN-2A	28	26	23
KN-4	43	39	34
KN-6	34	31	27
KN-6A	35	32	28
KN-6B	40	38	36
KN-9	29	27	24
KN-11B	54	52	50
KN-12	60	57	55
KN-14	36	33	29
KN-22	29	27	24

KRYTRON PACS

Type	UNIT PRICE		
	1-10	11-25	26 and Up
KRP-20	\$ 85	\$ 80	\$ 70
KRP-21	85	80	70
KRP-60	85	80	70
KRP-61	85	80	70

KRYTRON SOCKET

Type	1-10	11-25	26 and Up
KS-1	\$ 1.50	\$ 1.50	\$ 1.50
EB-100 (Firing Unit including input and output cables)	850.00		

TERMS:

1. Prices for larger quantities available on request.
2. All prices are F. O. B. Salem. All Sales are net 30 days.
3. Prices subject to change without notice.
4. These prices are for standard EG&G products as specified in our latest data sheets.
5. \$50 minimum order

EG&G INC. ELECTRO — OPTICS DIVISION, 35 CONGRESS STREET, SALEM, MASS. 01970
TEL: 617-745-3200 TWX: 710-347-8741

Effective January 17, 1977, the following domestic price schedule is in effect.

Type Tubes	Quantity Unit Prices		
	1 - 10	11 - 25	26 - 100
KN-2	\$35.00	\$30.00	\$28.00
KN-2A	\$36.00	\$33.00	\$30.00
KN-6	\$45.00	\$40.00	\$35.00
KN-6A	\$46.00	\$43.00	\$40.00
KN-6B	\$55.00	\$50.00	\$45.00
KN-9	\$40.00	\$38.00	\$35.00
KN-22	\$40.00	\$35.00	\$30.00
KN-22B	\$45.00	\$40.00	\$35.00
KN-25	\$90.00	\$85.00	\$80.00
<u>Krytron Pacs</u>			
KRP-20	\$100.00	\$95.00	\$90.00
KRP-21	\$100.00	\$95.00	\$90.00
KRP-60	\$110.00	\$105.00	\$100.00
KRP-61	\$110.00	\$105.00	\$100.00

NOTE: KN-6 replaces KN-4.

KN-25 replaces KN-11B & KN-12.