



ELECTRON TUBE DEPARTMENT ■ **COMPONENTS DIVISION**
INTERNATIONAL TELEPHONE AND TELEGRAPH CORPORATION, CLIFTON, NEW JERSEY

Kuthe
HYDROGEN
THYRATRON
PRICE LIST

DOMESTIC PRICES FOR HYDROGEN THYRATRONS EFFECTIVE JANUARY 1, 1963
DOMESTIC PACK FOB NEWARK, N. J., TERMS NET 30 DAYS

<u>TUBE TYPE</u>	<u>1-5</u>	<u>6-50</u>	<u>51-250</u>	<u>251-500</u>
3C45	13.75	12.50	10.50	9.60
3C45W	30.25	27.50	21.50	19.90
4C35A	27.25	24.75	20.25	19.15
5C22	22.00	19.75	18.75	17.85
1257	*	*	*	*
5948	*	*	*	*
5948A	*	*	*	*
5949	*	*	*	*
5949A	*	*	*	*
5956	51.60	47.00	36.75	33.75
5957	51.60	47.00	36.75	33.75
5958	29.00	26.50	21.00	20.00
5959	29.00	26.50	21.00	20.00
6130	14.00	12.70	10.75	9.80
6587	51.60	47.00	36.75	33.75
6777	22.50	20.50	17.00	16.25
7178/KU-53	125.00	*	*	*
7322	*	*	*	*
7390	*	*	*	*
7583	32.00	29.00	22.75	21.50
7621/KU-70B	*	*	*	*
7665/KU-72	200.00	*	*	*
7666/KU-73	*	*	*	*
7667/KU-74	*	*	*	*
7782/KU-71	175.00	*	*	*
7866/KU-274	*	*	*	*
7890	*	*	*	*
8264/KU-52	60.00	*	*	*
8274/KU-92	300.00	*	*	*
8275/KU-93	700.00	*	*	*
8276/KU-94	1,500.00	*	*	*
E-38	64.25	58.50	47.50	45.00
KU-25	38.50	35.00	28.00	26.35
KU-27	*	*	*	*
KU-99	15.00	13.50	11.00	10.50
SGR-1	27.25	24.75	20.25	19.15

* PLEASE REQUEST QUOTATIONS ON QUANTITIES OF 501 OR MORE AND THOSE SHOWN WITH AN ASTERISK.

HYDROGEN THYRATRONS

TYPE	RATINGS						HEATERS			GRID DRIVE		APPROXIMATE DIMENSIONS		WEIGHT (Pounds)	TYPE ENVELOPE
	PO MW	Pb x10 ⁹	epv KV	ib a	Ib Adc	I _p A rms	CATH. (6.3V) If A ac	RESERVOIR		MINIMUM AMPLITUDE (Volts)	MAXIMUM IMPEDANCE (Ohms)	INCHES			
								Eres Vac	Ires A ac			Sealed Height	Diameter		
KU-15	0.05	0.30	3.0	35	0.045	1.25	2.5	None	-	175	1500	3.6	1.1	1/16	GLASS
KU-99	0.05	0.30	3.0	35	0.045	1.25	2.7	*	-	175	1500	4.6	1.5	3/16	GLASS
3C45	0.05	0.30	3.0	35	0.045	1.25	2.5	None	-	175	1500	4.6	1.5	3/16	GLASS
3C45W	0.05	0.30	3.0	35	0.045	1.25	2.7	*	-	175	1500	3.1	1.5	3/16	GLASS
6130	0.05	0.30	3.0	35	0.045	1.25	2.5	None	-	175	1500	4.6	1.5	3/16	GLASS
E-39	0.12	0.75	8.0	35	0.045	1.25	2.7	None	-	175	1500	3.6	1.5	3/16	GLASS
5958	0.12	0.75	8.0	35	0.045	1.25	2.5	None	-	175	1500	3.8	1.5	4/16	GLASS
5959	0.12	0.75	8.0	35	0.045	1.25	2.5	None	-	175	1500	3.5	1.5	4/16	GLASS
6777	0.12	0.75	8.0	35	0.045	1.25	2.5	*	-	175	1500	4.3	1.5	4/16	GLASS
7583	0.12	1.10	8.0	35	0.045	1.25	2.5	None	-	175	1500	3.3	1.5	3/16	GLASS
8370/E38	0.22	1.25	5.0	90	0.100	3.0	6.7	*	-	175	1500	3.9	1.5	3/16	GLASS
KU-81	0.33	2.0	8.0	83	0.100	2.9	6.7	*	-	175	1500	3.7	1.5	3/16	GLASS
5956	0.33	2.0	8.0	83	0.100	2.9	6.7	*	-	175	1500	4.0	1.5	4/16	GLASS
KU-17	0.33	2.0	8.0	83	0.100	2.9	6.7	*	-	175	1500	4.0	1.5	3/16	GLASS
5957	0.33	2.0	8.0	83	0.100	2.9	6.7	*	-	175	1500	3.7	1.5	4/16	GLASS
4C35A	0.35	2.0	8.0	90	0.100	3.0	6.7	*	-	175	1500	6.0	2.5	4/16	GLASS
7621/KU-70B	0.40	2.7	8.0	100	0.100	2.0	3.0	*	-	150	1500	1.5	1.0	3/16	CERAMIC
KU-25	1.5	3.8	12.0	300	0.200	7.8	11.6	*	-	200	500	7.8	2.5	10/16	GLASS
KU-27	2.0	3.9	16.0	325	0.225	6.3	10.6	6.3	1.0	200	500	6.3	2.5	4/16	GLASS
KU-28	2.0	3.9	16.0	325	0.225	6.3	10.6	6.3	1.0	200	500	5.8	2.5	4/16	GLASS
5C22	2.0	3.2	16.0	325	0.200	6.3	11.6	*	-	200	500	7.8	2.5	10/16	GLASS
6587	2.0	3.9	16.0	325	0.225	6.3	11.6	*	-	200	500	6.3	2.5	4/16	GLASS
8488/KU-29	2.0	3.9	16.0	325	0.225	6.3	11.0	*	-	200	500	5.8	2.5	10/16	GLASS
7782/KU-71	2.0	4.0	20.0	200	0.200	5.0	5.5	6.3	1.5	175	1500	1.8	1.4	5/16	CERAMIC
KU-72Z	3.5	7.0	20.0	350	0.300	6.5	5.8	6.3	1.5	200	500	4.5	2.4	11/16	CERAMIC
7665/KU-72	3.5	7.0	20.0	350	0.300	6.5	5.8	6.3	1.5	200	500	2.3	1.8	4/16	CERAMIC
5949A	6.0	6.3	25.0	500	0.500	15	22.0	3.0-5.5	6.0	550	200	11.2	3.3	1 1/16	GLASS
KU-54	12.0	9.0	25.0	1000	1.0	30	33.0	2.5-5.5	8.0	700	200	12.3	5.0	2 3/16	GLASS
5948A	12.0	9.0	25.0	1000	1.0	30	33.0	2.5-5.5	8.0	700	200	13.5	5.0	4 3/16	GLASS
7322	12.0	20.0	25.0	1000	2.0	36	22.0	6.3	6.0	500	400	5.2	3.0	3	CERAMIC
8354	12.0	25.0	25.0	1000	2.2	40	18.0	6.3	8	500	200	4.0	3.0	2 1/16	CERAMIC
7666/KU-73	18.0	20.0	25.0	1500	2.0	40	22.0	2.5-6.0	6.0	500	400	5.2	3.0	3	CERAMIC
KU-47	33.0	20.0	33.0	2000	2.6	60	40.0	3.5-6.0	12.0	1300	70	17.8	7.0	8 3/16	GLASS
1257	33.0	20.0	33.0	2000	2.6	60	40.0	3.4-6.0	12.0	1300	70	17.8	7.0	10	GLASS
7390	33.0	30.0	33.0	2000	4.0	72	35.0	3.5-5.5	12.0	1300	70	10.0	4.5	11 1/16	CERAMIC
7667/KU-74	40.0	40.0	33.0	2400	4.0	90	35.0	3.5-5.5	20.0	1300	70	10.0	4.5	11 1/16	CERAMIC
KU-48	40.0	20.0	40.0	2400	2.6	60	40.0	3.5-6.0	12.0	1300	70	17.8	7.0	8 3/16	GLASS
7890	48.0	55.0	40.0	2400	2.6	75	35.0	2.5-5.5	16.0	1300	70	12.0	4.5	15	CERAMIC
7866/KU-274	60.0	55.0	50.0	2400	4.0	90	35.0	3.5-5.5	20.0	1300	70	12.0	4.5	15	CERAMIC
KU-74B	66.0	60.0	33.0	4000	7.0	120	45.0	3.5-5.5	20.0	1300	100	9.7	6.0	13 1/16	CERAMIC
8479/KU-275A	100.0	100.0	50.0	4000	8.0	125	75.0	3.5-6.0	40.0	1500	100	15.5	9.5	45	CERAMIC
8301/KU-275	100.0	-	50.0	4000	8.0	126	80.0	3.5-5.5	40.0	1500	100	16.0	8.5	41	CERAMIC

* Reservoir connected internally across Cathode Heater.

ITT HYDROGEN DIODES

TYPE	PULSE DIODE			RECTIFIER			HEATERS				APPROXIMATE DIMENSIONS		WEIGHT (Pounds)	TYPE ENVELOPE
	epx KV	ib a	Ip A rms	epy KV	ib a	Ib ma	CATHODE		RESERVOIR		INCHES			
							Ef (Vac)	If (Aac)	Eres (Vac)	Ires (Aac)	Seated Height	Diameter		
KU-51	15	*	*	10	0.8	200	5.0	6.2	5.0	0.8	4.0	1.5	3/16	GLASS
8264/KU-52	18	325	6.3	15	2.0	600	5.0	11.5	5.0	4.0	6.8	2.5	9/16	GLASS
KU-91	15	150	3.5	10	1.0	300	5.0	6.5	4.0-5.0	4.0	1.8	1.4	5/16	CERAMIC
8274/KU-92	20	300	6.3	15	2.0	600	5.0	9.5	4.0-5.0	4.0	2.3	1.8	9/16	CERAMIC
8275/KU-93	30	500	15.0	20	8.0	2000	5.0	27.0	4.0-5.0	5.5	5.2	3.0	3	CERAMIC
8276/KU-94	30	2000	60.0	25	15.0	4500	5.0	28.0	4.0-5.0	20.0	8.3	4.5	11 1/16	CERAMIC
7178	16	500	15.0	*	*	*	5.0	22.0	5.0	5.0	10.2	3.3	1 1/16	GLASS

* Consult ITT Applications Engineering Department

ITT CROWBAR THYRATRONS

TYPE	RATINGS			HEATERS			APPROXIMATE DIMENSIONS		WEIGHT (Pounds)	TYPE ENVELOPE
	epy KV	1.0 ms ib a	100 ms ib a	CATHODE (6.3 Vac) If (Aac)	RESERVOIR		INCHES			
					Eres (Vac)	Ires (Aac)	Seated Height	Diameter		
KU-8329	16	500	12	12	I.C.	-	7.8	2.5	10/16	GLASS
KU-471	20	250	5	6.0	2.5-6.3	4	1.8	1.4	5/16	CERAMIC
KU-472	20	500	10	8.0	2.5-6.3	4	2.3	1.8	9/16	CERAMIC
7559	25	1500	50	30	2.5-5.5	5	13.5	5.0	4 5/16	GLASS
7590	25	1000	25	22	2.5-5.5	5	11.2	3.3	1 3/16	GLASS
7603 (KU401)	10	200	5	7	I.C.	-	6.0	2.5	9/16	GLASS
7605	25	3000	90	30	2.5-5.5	5	17.8	7.0	8 3/16	GLASS

ITT TRIGGERED SPARK GAPS

TYPE	STATIC BREAKDOWN VOLTAGE (KV)	RATED HOLDOFF VOLTAGE (KV)		MINIMUM TRIGGERED PULSE VOLTAGE (KV)	MAXIMUM PEAK CURRENT (AMP)	DELAY TIME AT 90% OF STATIC HOLDOFF VOLTAGE (MICROSECONDS)	APPROXIMATE DIMENSIONS		WEIGHT (Pounds)	TYPE ENVELOPE
		Minimum	Maximum				INCHES			
							Seated Height	Diameter		
KU-802	14.0	4.0	11.0	10.0	15,000	0.30	1.56	1.55	2/16	CERAMIC
KU-803A	19.0	6.0	15.0	15.0	100,000	0.50	2.25	3.50	1	CERAMIC
KU-803	30.0	8.0	25.0	20.0	100,000	0.50	2.25	3.50	1	CERAMIC
KU-803B	42.0	12.0	34.0	20.0	100,000	0.50	2.25	3.50	1	CERAMIC
KU-804	88.0	30.0	70.0	25.0	100,000	0.50	3.47	3.50	2	CERAMIC



ELECTRON TUBE DIVISION

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