

Allied Electronics
1980 Catalog

Receiving Tubes

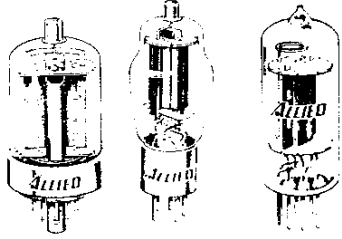
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RECEIVING TUBES

• More Than 100 Types of High-Quality Receiving Tubes • New Tube Types Placed in Stock When Introduced
• Tubes Can Be Furnished in Production Quantities • Orders Are Billed at Current OEM Prices

With the increasing demands on modern communication technology, the need for a line of dependable receiving tubes is important. Allied can satisfy this demand by providing a selection of receiving tubes designed to provide dependable, high-level performance. New tube types can be placed in stock as they are released from the manufacturer. Tubes can be furnished in production quantities and are billed current OEM prices — contact your nearest Allied facility.

PRICING DISCOUNT SCHEDULE

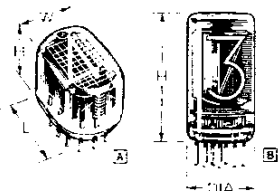
RECEIVING TUBE TYPES MAY BE ASSORTED

1-9 Less 40% 10-49 Less 40-10% 50-99 Less 50% 100-Up Less 50-10%

Stock No.	Tube Type	List Price	Stock No.	Tube Type	List Price	Stock No.	Tube Type	List Price	Stock No.	Tube Type	List Price
899-0002	0Z4A	8.68	610-0202	6AW8A	7.15	899-0089	6GW6/6DQ6B	6.60	610-0652	12AU7A/ECC82	4.90
610-0007	1G3GT/1B3GT	6.35	899-0057	6AX4GTB	7.35	702-0990	6GW8/ECL86	9.03	899-0700	12AV7	9.42
899-0021	1U5	8.82	899-0243	6AX5GT	9.38	702-0095	6H6	17.95	702-0445	12AX7/7025	3.34
702-0022	1V2	5.08	610-0214	6BA6/EF93	5.35	702-0612	6HA5/6HM5	7.80	610-0667	12AX7A/ECC83/7025	3.34
899-0026	2AH2/2BU2	8.12	899-0059	6BE6	7.53	702-0616	6HS8	9.77	702-0151	12AY7	11.04
702-0041	3A3C	8.15	899-0269	6BH6	7.73	899-0470	6J5	19.70	899-0705	12B4A	8.54
702-0057	3BU8/3GS8	8.89	899-0273	6BJ6	8.02	899-0118	6J6A	10.60	610-0679	12BA6	4.65
899-0037	3BZ6	7.35	610-0244	6BK4C/6EL4A	11.95	702-0120	6J7	18.20	702-0156	12BE6	6.58
702-0320	3GK5	7.95	610-0256	6BL8/ECF80	4.50	899-0476	6JB6	12.35	702-0157	12BH7A	8.08
899-0041	5AQ5	7.35	610-0271	6BQ5/EL84	6.30	899-0125	6KY8A	16.24	610-0688	12BY7A/12BV7/12DQ7	5.70
899-0135	5AR4	10.75	702-0056	6BQ7A/6BZ7/6BS8	10.08	610-0565	6LG6C	9.75	702-0159	12CU5/12C5	8.50
899-0042	5CG8	8.37	899-0292	6BV8	11.06	702-0642	6LF6	16.24	899-0764	12H6	18.17
702-0063	5U4GB	6.79	702-0060	6CA4	8.05	610-0523	6LQ6/6JE6C	13.40	610-0696	12HG7/12GN7A	8.95
899-0186	5V4GA	9.45	702-0064	6CA7/EL34	12.98	899-0553	6N7	22.96	899-0790	12SL7GT	11.20
702-0025	5Y3GT	6.72	610-0304	6CB6A/6CF6	5.30	899-0566	6SH7	22.12	899-0791	12SN7GTA	9.00
899-0192	5Z3	18.13	702-0066	6CL6	10.01	899-0567	6SJ7	15.40	899-0920	25C5	7.88
899-0187	6AB4	7.21	899-0077	6CW4	20.72	899-0569	6SK7	19.00	702-0178	33GY7A	13.13
702-0027	6AH6	12.70	702-0068	6CW5/EL86	7.25	899-0128	6SL7GT	11.06	702-0169	35W4	5.14
899-0188	6AK5/EF95	9.73	899-0369	6E5	22.05	702-0135	6SN7GTB	7.95	702-0171	50C5	6.27
702-0031	6AL5	6.62	610-0406	6EA8	6.30	610-0595	6U8A/6KD8	6.25	899-0199	50L6GT	9.45
702-0033	6AN8A	9.31	899-0384	6EJ7/EF184	5.85	651-9004	6V4/EZ80	4.08	899-0990	7027A	15.58
610-0178	6AQ5A	5.45	610-0415	6EU7	7.77	610-0601	6V6GTA	7.35	900-0993	7247	9.38
899-0225	6AQ8/ECC85	7.38	610-0433	6EW6	5.75	899-0589	6X4	7.38	899-0998	7591A	10.68
899-0235	6AU5GT	11.71	610-0316	6FQ7/6CG7	4.85	899-0590	6X5GT	7.53	899-1000	7868	11.80
610-0193	6AU6A	5.20	610-0460	6GH8A	5.05	899-0610	8AW8A	10.53	899-1001	8417	15.89
899-0053	6AU8A	10.33	899-0105	6GK6	7.18	610-0625	8FQ7/8CG7	4.85			
899-0054	6AV6	5.67	702-0066	6GM6	8.50	610-0646	12AT7/ECC81	5.50			
						702-0148	12AU6	6.97			

Manuf. codes 610,702,899,866,651-no info. in catalog

NUMERICAL NEON-GLOW READOUT TUBES



Stock No.	Tube Type	Fig.	Description	Max. DC Ion V	Prebias DCV	Cathode mA		Char. Ht.	Max. View	Max. Tube		Fits Socket RTS-	EACH		
						Average	Peak			Ht.	Dia.		1-9	10-99	100-Up
866-0200	NL-8422 5991	A	0-9	170	50-120	1.5-3.0	3.5	610"	30"	1.120"	1.020"	4, 10	22.55	22.55	19.05
866-0123	NL-6844A	A	0-9	170	50-120	1.5-3.0	4.0	610"	30"	1.125"	1.080"	1, 2, 6, 8, 9	26.72	22.80	19.50
866-0192	NL-8421 5092	A	0-9	170	50-120	1.5-3.0	3.5	610"	30"	1.125"	1.080"	1, 2, 6, 8, 9	23.15	23.15	19.55
866-0175	NL-8091	A	0-9	170	65-120	3.0-6.0	5.5	1.375"	65"	2.280"	2.060"		59.62	44.85	39.55
866-0225	NL-5441	B	Del. dec.	170	50-120	1.5-3.0	3.5	610"	30"	1.800"	.750"	54, 55, 56, 57	18.54	15.85	13.50
866-0083	NL-840 8754	B	0-9	170	50-120	1.5-3.0	3.5	610"	30"	1.800"	.750"	48, 51, 52, 18	16.95	14.50	12.30
866-0240	NL-843	B	- and	170	50-120	1.5-3.0	3.5	610"	30"	1.800"	.750"	48, 51, 52, 18	17.37	14.85	12.65
866-0084	NL-841	B	LH dec.	170	50-120	1.5-3.0	3.5	610"	30"	1.800"	.750"	48, 51, 52, 18	17.95	15.30	13.00

*strobe only.

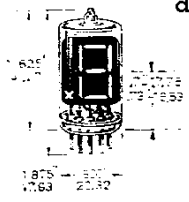
See Page 2 for the Allied Electronics Facility Nearest You

ALLIED • 39

Readout, Industrial and Special-Purpose Tubes

Allied Catalog
date 1980

www.33audio.com



Mounting: Fit 9-pin miniature tube socket, or solder into PC board.

INCANDESCENT DIGITAL READOUT TUBES

Bright, low-voltage devices may be used in DC or multiplex mode. Rugged, single-plane unit construction for high reliability and 100,000 hour life. Up-front display surface for wide viewing angle, with display of free residual images. Brightness adjustable with voltage controls, zero to 7000 ft. free of induced or radiated interference. Power Required: 108 mW/seg. Segment Current: 24 mA. Voltage: 4.5VDC.

Stock No.	Mfr's Type	Equiv. Type	Description	Char. HL	Slant	View Angle	Mounting	Brightness	Envelope		Pin Circle	EACH	
									HL	Dia.		1-9	18-Up
658-0300	DA2000	DR2000	0-9, no dec.	.600"	0	140°	PC or 9-pin	7000 ft.	1.625"	.800"	.468"	8.50	6.18
658-0310	DA2010	DR2010	0-9, L.H. dec.	.600"	0	140°	PC or 9-pin	7000 ft.	1.625"	.800"	.468"	9.00	6.54
658-0320	DA2100	DR2100	0-9, no dec.	.400"	4	140°	PC or 10-pin	7000 ft.	1.625"	.800"	.230"	8.50	6.18
658-0330	DA2110	DR2110	0-9, L.H. dec.	.400"	4	140°	PC or 10-pin	7000 ft.	1.450"	.800"	.230"	9.00	6.54

INDUSTRIAL and SPECIAL PURPOSE TUBES

Unit Price	1-9	10-49 Less	50-99 Less	100-Up Less
Below \$10.00	Net	20%	30%	40%
Above \$10.00	Net	20%	25%	Contact Your Nearest Allied Facility

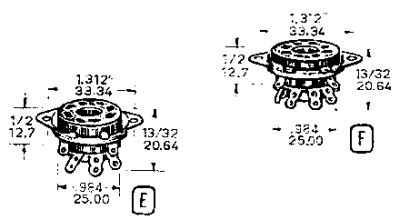
*Contact Your Nearest Allied Facility For Qty. Price Breaks

Stock No.	Tube Type	Unit Price	Stock No.	Tube Type	Unit Price	Stock No.	Tube Type	Unit Price
936-0005	OA2	3.75	651Q0332	DX332	189.00*	903-0137	5755	25.47
702-0003	OA3	8.08	651Q0453	DX453A	80.50*	936-0200	5763	6.60
900-0013	OA4G	10.18	903-0069	575A	46.18	936-0205	5814A	6.03
903-0034	OB2	6.13	866-0025	NL604L	46.68	903-0140	5823	6.25
903-0023	OC2	12.38	866-0030	NL615	20.37	903-0319	5869	51.44
702-0035	OC3A	8.19	936-0080	635:7019	34.40	903-1205	CK5879	9.75
702-0036	OD3:OD3A	9.45	866-0033	NL635L:7020	41.83	903-0144	5881	7.88
903-0022	C1K:6014	30.14	903-0710	710:6011	28.98	903-1212	CK5886	17.29
900-0061	1 P28	32.15	866-0063	NL734L	66.47	903-0150	5963	3.83
936-0007	1 P39	12.69	866-0069	NL760L	63.54	903-0154	5965	4.13
784-0001	2AS15A	20.04*	903-0070	807	10.23	903-0156	6005	6.90
936-0015	2C39B	51.15	936-0085	810	73.48	936-0220	6012	12.19
702-0039	2D21	5.32	903-0811	811A	12.86	903-0160	6072	13.25
903-0040	2X2A	9.85	936-0812	812A	17.28	900-0353	6076	590.00*
936Q0020	3-400Z/8163	74.50*	936-0090	813	66.80	903-0162	6080	23.21
			900-0300	816	25.00	903-0166	6136	6.03
936-0025	3B28	22.96	903-0866	866A	10.02	936-0240	6146A	11.38
903-0043	3C23	19.21	903-0872	872A	26.05	903-0169	6146B/8298A	13.53
936Q0027	3CX2500F3/8251	255.00*	936-0120	922	12.50	936-0242	6159A	11.23
936Q0029	3CX3000F1/8239	300.00*	903-0077	927	14.28	903-0174	6201	11.26
549-0050	C3J:L	33.82	903-0080	930	11.02	936-0245	6211	8.20
549-0166	C3J:5632	28.64	936-0125	931A	21.71	903-1045	6293	16.38
549-0055	C3JA:5684	28.98	866Q0100	NL1064	1835.40*	936-0255	6360	12.73
936-0030	4-65A/8165	62.63	784-0006	1236C	25.38*	903-1070	6476A	50.02
651Q0100	4-125A/4D21	68.00*	936-0130	2050	11.92	903-1290	CK6528	62.54
900-0022	4-250A/5D22	96.86	936-0135	2050A	10.31	903-0178	6550	10.69
936-0035	4-400A/8438	101.04	903-0102	5550	128.00*	903-1100	6883 8032A/8552	13.53
936Q0037	4CX250B/7203	43.00*	936-0140	5557	14.20	651-0418	6907	65.17
900Q0025	4CX250FG/8621	70.14*	900-0640	5582	24.22	936-0260	6910	21.54
651Q0200	4CX350A/8321	58.00*	903-0110	5583	19.62	651Q0420	6960A	315.00*
651-0210	4CX350F/8322	60.00*	936-0150	5642	10.78	866-0132	NL6989NE	85.67
936Q0038	4X150A/7034	38.00*	903-0155	5651A	10.00	702-0445	7025/12AX7	3.34
899-2041	5CP7A	30.83*	702-0114	5654	6.68	936-0264	7551	10.78
936-0040	5R4GYB	5.70	936-0160	5663	9.48	936-0265	7586	11.50
936-0045	6AK6	3.90	936-0170	5670	12.63	936-0270	7587	19.85
936-0050	6AS7G	13.18	936-0175	5687WA	8.95	900-2049	7735	53.44*
936-0055	6DJ8:ECC88	5.00	903-0122	5691	12.29	900-2050	7735A	125.25*
549-0100	ELC6J	64.30	936-0177	5692	13.11	900-2053	7735B	200.40*
549-0205	ELC16J/5665	136.36	936-0180	5696	6.28	866-0170	NL7786NE	57.28
702-0328	83	14.08	702-0132	5727	7.68	936-0280	7895	14.79
936Q0060	304TL	179.00*	702-0136	5751	6.78	936-0285	7905	14.70

Tube Sockets, Plugs, Multi-Purpose Connectors

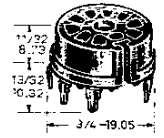
**CONNECTORS
SOCKETS**

BAKELITE OCTAL SOCKETS



Saddle types have 4 ground lugs. Fig. E: 1 1/2" centers, clinch-on steel saddle, 1 1/8" d. Fig. F: 1 1/8" centers, press-on saddle, 1" d. Mtg. col. is rivet hole diameter or chassis thickness. 1 oz.

Stock No.	Mfr's Type	Fig.	Description	Mtg.	EACH			
					1-9	10-24	25-49	50-Up
750-0955	8EB	E	Black	.143"	.50	.33	.27	.24
750-0950	8AB	F	Black	.136"	.50	.33	.27	.24



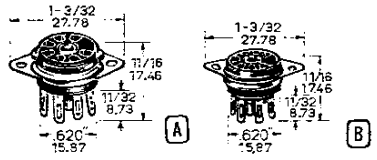
STAND-OFF SOCKETS FOR PRINTED CIRCUITS

Stand-off sockets rest on shoulder of the contact tail — provide air gap for cooling and eliminating possibility of a moisture trap. Designed for 1/8" printed circuitry. All are constructed of general-purpose black phenolic insulators with hot tinned brass contacts. Av. shipping weight is 1 oz.

TYPE 7PC-B1. For 7-pin miniature tubes.
 750-0916, 1-9 Each .30 10-24 Each .24
 25-49 Each .22 50-Up Each .20

TYPE 9PC-B1. For 9-pin miniature tubes.
 750-0998, 1-9 Each .36 10-24 Each .33
 25-49 Each .27 50-Up Each .24

MINIATURE TUBE SOCKETS, SHIELDS, BASES



7-pin sockets, mount on 7/8" ctrs.; sockets require 3/8" hole. 9-pin sockets, mount on 1 1/8" ctrs.; sockets require 1/2" hole. Diameter of rivet holes: .098". Molded insulators are type MFE material. Meet JAN/MIL TS-102P01. Wl. 1 oz.

A TOP-MOUNTING SOCKETS

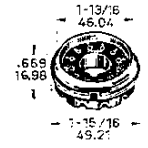
Stock No.	Mfr's Type	Description	EACH			
			1-24	25-49	50-99	100-Up
750-0900	7AB1	7-pin black bakelite	.44	.27	.24	.22
750-0890	9AB	9-pin black bakelite	.44	.27	.24	.22

B BOTTOM-MOUNTING SOCKETS

Stock No.	Mfr's Type	Description	EACH			
			1-9	10-24	25-49	50-Up
750-0902	7EB	7-pin mica-filled bakelite	.38	.29	.24	.22
750-0983	9EB	9-pin black bakelite	.44	.27	.24	.22
750-0984	9EM	9-pin mica-filled bakelite	.49	.35	.33	.22

DUODECAL CRT SOCKET

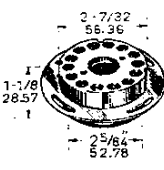
Mica-filled, phenolic socket has 12 prongs. Accepts 10BP4; 2BP1, 5TP4, etc.; RCA 6199. Meets JETEC B12-43 specs. Wt. 4 oz.



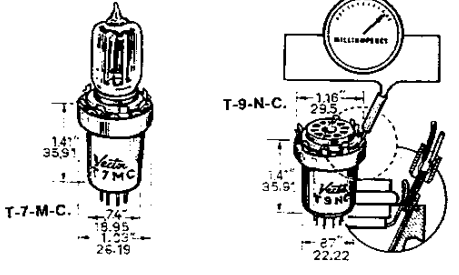
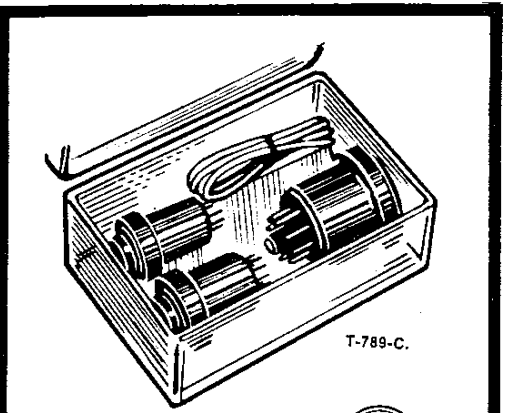
Stock No.	Mfr's Type	Desc.	EACH			
			1-9	10-24	25-49	50-Up
750-0856	3M12	Socket	6.05	5.02	4.00	3.33

DIHEPTAL CRT SOCKET

Mica-filled 14-prong sockets. Accept 6217, 5819. Meets JEDEC B12-37. Less mounting ring, 5 oz.



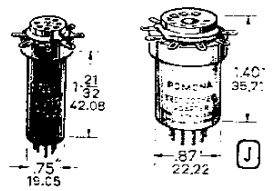
Stock No.	Mfr's Type	Desc.	EACH			
			1-9	10-24	25-49	50-Up
750-0857	3M14	Mica-filled	5.55	4.60	3.66	3.07
750-0859	3R14	Mtg. ring	2.38	2.32	1.74	1.50



CURRENT SOCKET ADAPTER KITS

Current test adapters make possible tube circuit current or voltage measurements on any pin without cutting leads or making computations.

MODEL T-789-C. Contains T-7-M-C 7-pin miniature, T-8-O-C 8-pin octal, T-9-N-C 9-pin novar and P2 dual sided plug-in probe, in case. Shipping weight: 6 oz.
 977-0996, 1-19 Ea. \$2.00 20-99 Ea. 23.75 100-Up Ea. 22.30

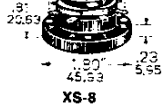


TEST-SOCKET TUBE ADAPTERS

For measurement from tube-side of chassis. Long test-leads for easy connection. **Types TVS** are low-loss mica-filled molded phenolic per MIL-M-14 MFE. **Types 1447, 1449** with captive or telescoping tube shields: 1 1/2" high. Insulation resistance, 500,000 megohms; breakdown exceeds 1700VAC or DC. Av. shpg. wt. 5 oz.

Stock No.	Mfr's Type	Fig.	Pins	Description	EACH	
					1-24	25-Up
885-0195	TVS-7	J	7	Miniature	4.13	2.75
885-0196	TVS-8	J	8	Octal	6.38	4.25
885-0197	TVS-9	J	9	Miniature	4.43	2.95
885-0368	1447	H	7	Miniature	4.95	2.75
885-0369	1449	H	9	Miniature	5.30	2.95

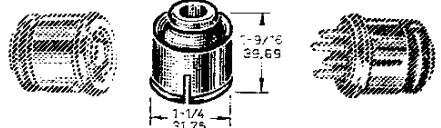
BREADBOARD SOCKETS



Surface-mount sockets have insulated base with numbered connections. Phosphor bronze spring contacts. Standard center-to-center mounting holes. 9-pin mounts in center or on side. 8-pin mounts on side. 2 oz.

Stock No.	Mfr's Type	Desc.	EACH			
			1-9	10-49	50-99	100-Up
885-0202	XS-8	8-pin octal	3.25	1.85	1.67	1.50
885-0203	XS-9	9-pin min.	2.08	1.10	.99	.95

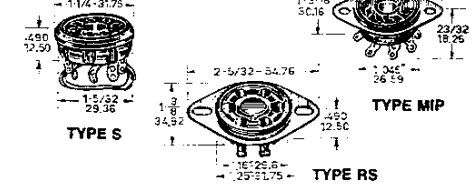
CONNECTOR CAP FOR 78S SOCKETS AND 86CP PLUGS



Protect terminals and wires with unbreakable metal cap. Caps are screwdriver removable. 3-13 cap fits 78S and 86CP types below. Av. shpg. wt. 3 oz.

713-0013, Type 3-13, 1-49	Each	.55
50-99	Each	.35
100-249	Each	.31
250-Up	Each	.26

STANDARD SOCKETS



TYPE S. This high-dielectric, molded bakelite socket comes with mount and retainer ring. It mounts in 1 1/4" keyed hole. Av. shipping weight is 5 oz.

Stock No.	Mfr's Type	Prongs	EACH			
			1-24	25-49	50-99	100-Up
713-2926	78S4	4	.80	.63	.52	.45
713R2934	78S8	8	.70	.68	.56	.50
713-2936	78S9	9	.82	.63	.52	.45
713-2939	78S11	11	1.02	.76	.64	.55

TYPE RS. Same as Type S, except it comes equipped with a removable mounting plate. Mounts in 1 1/8" hole and has slotted mounting holes to fit centers from 1/2" to 1 1/8". Av. shipping weight is 5 oz.

713-2911	78RS5	5	1.37	.88	.73	.64
713-2914	78RS8	8	1.15	.88	.73	.64
713-2923	78RS11	11	1.32	.99	.83	.72

TYPE MIP. Has bakelite body with molded-in steel plate. Mounts in 1 1/8" hole; mounting centers, 1 1/8"; all others have 1 1/2" mounting centers. \$Requires 1 1/2" hole. \$Mica-filled bakelite. Mates with 86CP plugs below. Av. shpg. wt. 2 oz.

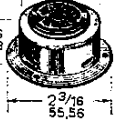
Stock No.	Mfr's Type	Prongs	EACH			
			1-24	25-49	50-99	50-Up
713-2803	77MIP5S	5	1.15	.62	.56	.56
713R2810	77MIP8S	8	.85	.82	.51	.51
713-3700	78-88-S	Octal	.85	.65	.54	.54
713-2809	77MIP8TS	Octal	1.15	.67	.56	.56
713R2815	77MIP11S	11	.77	.72	.60	.60
713-2816	77MIP11T	11	1.07	.75	.62	.62
713-2821	77MIP20S	20	2.57	1.49	1.24	1.24

SERIES 86 STANDARD CP PLUGS

Bakelite CP type plugs ideal for use as chassis connectors, with plug-in units or as inexpensive cable connectors. Retainer ring mtg. Come with mtg. ring for 1 1/8" holes. With guide post, aligning key. Av. shpg. wt. 2 oz.

Stock No.	Mfr's Type	Pin	EACH			
			1-24	25-49	50-99	100-Up
713-3602	86-CP4	4	.85	.54	.45	.39
713-3603	86-CP5	5	.87	.56	.47	.41
713-3606	86-CP8	Octal	.80	.60	.50	.43
713-3610	86-CP11	11	.82	.63	.52	.45

ACS SOCKET-SHELL



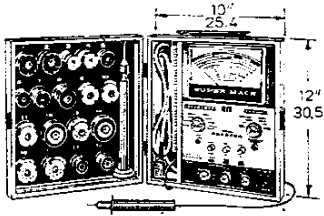
TYPE 61-23. For S, RS, RSS sockets. 1 1/8" abv./blw chassis. 1 1/2" mtg.

713-0501, 1-24	Ea.	.51
25-49	Ea.	.35
50-99	Ea.	.29
100-Up	Ea.	.25

Prices Subject to Change - We Always Ship at the Lowest Price in Effect

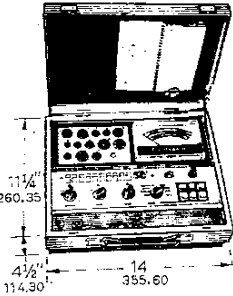
Tube & CRT Testers; Television Test Equipment

ASSORTED TEST GEAR



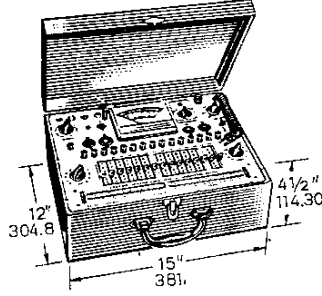
"SUPER MACK" AUTOMATIC CRT TESTER/RESTORER

Model CR31A. Completely automatic, patented CRT tests, including "Good-Bad" tracking test, all on one simplified meter. Large 6" D'Arsonval meter can be easily read at a distance. Complete restoring capabilities with 3 automatic and 2 manual restoring levels. Has TV circuit checks including 50KV probe for 2nd anode voltage checks. Equipped with 18 sockets and a full range of filament voltages. Constructed of ABS plastic with aluminum panel and divider. Has removable cover plus storage compartment. Power: 105-130 volts, 50-60 Hz. 941-0031 . . Ea. 495.00 4-Up . . Ea. 445.50



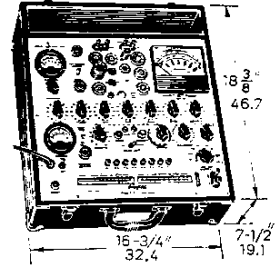
HYBRID TUBE AND TRANSISTOR CHECKER

Model TC28. Checks any type of circuit whether its tube, solid state or hybrid. Ideal for amplifier checking. No more idiot lights—even reads heater to cathode leakage on meter. Checks for full emission, 100 megohm grid leak and all internal shorts; also transistor or FET in or out of circuit with the push of a button. Requires no set-up book. Computer logic circuit does the job. Checks over 3000 tubes, foreign and domestic and 20,000 different transistors. Compact and lightweight. 12 1/2 lbs. 4 1/2 x 11 1/4 x 4". 941-0028. 1-3 Ea. 325.00 4-Up Ea. 292.50



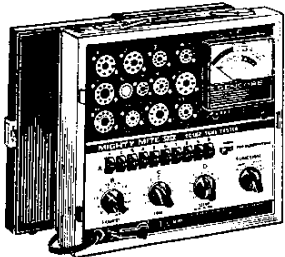
MUTUAL CONDUCTANCE TUBE/TRANSISTOR TESTER

Model 667W. Combines mutual conductance (Gm) with plate conductance (Sp) tests into dynamic and peak emission test for single readout. Transistor gain/leakage tests. Checks novistors, novars, compactrons, miniatures, subminiatures, octals, locals, special purpose tubes, VR's, cold cathode regulators, electron-ray indicators. 4 1/2" D'Arsonval meter with 200 μA sensitivity. 4 1/2 x 15 x 12" case. Shpg. wt. 23 lbs. 775-0667. Ea. 259.95 4-Up Ea. 246.95
Model CRU CRT Adapter. Cathode ray tube test. Shpg. wt. 1 lb. 775-1701. 1-3 Ea. 30.00 4-Up Ea. 27.00



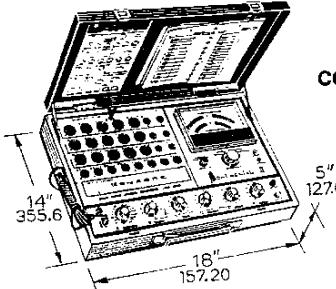
INDUSTRIAL AND LABORATORY PORTABLE TUBE TESTER

Model 539C. Has the necessary sockets and switching capabilities to perform tests on Compactrons, Novars, 5 and 7-pin Novistors and 10-pin types. GM test circuit tests tubes under actual circuit conditions. Features: 6 micromho ranges, 4 AC signal voltages, metered line and metered grid voltages, dual tube leakage readings. Black portable case has lead compartment and detachable lid. Comes with instruction manual and leads. Power: 105-125 volts, 50-400 Hz, 40 watts. Size: 16 3/4 x 18 3/4 x 7 1/2". Wt. 28 lbs. 699Q0539 Ea. 1099.00



MIGHTY MITE TUBE TESTER

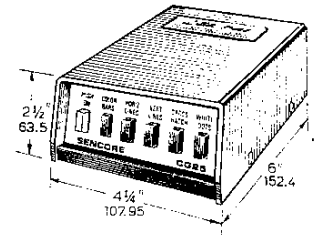
Model TC162. Solid-state tube tester checks just about every tube type, large and small, domestic and foreign, that you could come across in general servicing. Pin elimination switches effectively cut off the inner connected pin, allowing many more tubes to be tested. Elimination switches operate independently for ease of repair. Checks cathode emission at full rated load and grid leakage at 100 megohms. Also, provides highly sensitive stethoscopic shorts test. Case is black vinyl-clad steel with aluminum panel and trim. Power: 105-130 volts, 50-60 Hz, 32 watts. Size: 10x9x4" (25.4x22.8x10.1cm). Wt. 9 lbs. (4kg). 941-0202. 1-3 Each 248.00 4-Up Each 223.20



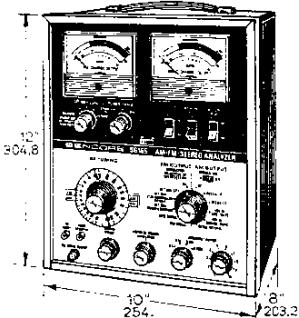
MUTUAL CONDUCTANCE/EMISSION TUBE ANALYZER

Model MU150. Here's a tube tester which checks all types, including foreign, for true mutual conductance with an exclusive 5,000 hertz square wave test. Checks tubes under full rated current, a must for power tubes where emission is more important than amplification. Leakage Sensitivity: 100 megohms or 5 microamp. True shorts picked out with stethoscopic test. Has interrupted filament to determine intermittents and temperature sensitive failures. Handsome vinyl-clad steel case with chrome panel and trim. Power: 105-130 volts, 50-60 Hz AC. Size: 18x14x5" (45.7x35.5x12.7cm) Wt. 16 lbs. (8.17kg). 941-0150. 1-3 Each 395.00 4-Up Each 355.50

PORTABLE DIGITAL COLOR BAR GENERATOR

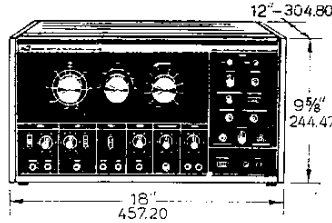


Model CG25. Complete with channel tuning and color adjust level. Positive digital locking insures stable patterns. Channel selection for channels 2 to 6. Automatic shut off for battery power. RCA licensed 10 color bars across entire color spectrum. 14 horizontal bars, digital controlled; 10 vertical bars, digital controlled. 140 small adjustable dots, digital controlled. Case is constructed of unbreakable grey acrylic. Uses one mercury battery, not included. Size: 6x4 1/2 x 2 1/2" (15.2x10.7x6.35cm). Wt. 2 lbs. (.908kg) 941-0025. 1-3 Each 125.00 4-Up Each 112.50



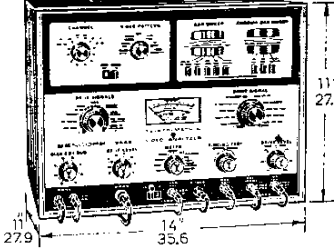
AM-FM STEREO ANALYZER

Model SG165. RF generator covers full range of AM and FM RF frequencies. IF Generator, crystal controlled 10.7 MHz and 262 KHz for AM servicing. IF Rocker for fixed tuned sets. FM IF Sweep and Marker Generator, crystal controlled markers post injected. Two cables. Stereo Generator. MPX output on both RF and IF, composite output without carrier. Front panel control over 19 KHz pilot, right and left channel signals. Audio Generator, 400 Hz sine and square wave outputs. Power output monitor. 16 lbs. 941-0165 Each 695.00 4-Up Each 625.50



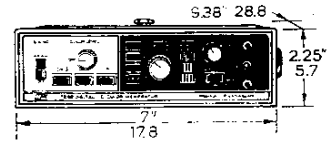
TELEVISION ANALYST

Model 1077B. Checks every stage of b & w and color TV receivers from antenna input to grid of CRT. Checks community or master antenna systems; video paging in closed circuit TV systems. Duplicates all signals transmitted by TV stations and within TV receiver. Complete with test pattern slides, all leads and 100 page instruction manual. 105-125 VAC, 50/60 Hz, 100W, 3-wire line cord. Outputs: 1F: 20 to 48 MHz; 0-70,000 microvolts min. at 75 ohms. VHF: Channels 2 to 6: 0 to 12,000 microvolts min. at 75 ohms. Channels 7 to 13: 0 to 6000 microvolts min. at 75 ohms. UHF: Channels 14 to 83: 0 to 1000 microvolts min. at 75 ohms. Video: Composite signal, 0 to 2.5 volts peak to peak min. at 1000 ohms, pos. or neg. polarity. Sync: 0-50 volts, peak to peak, continuously variable polarity. Output impedance. 10K ohms @ 50V; 1K ohms @ 10V. 9 1/2 x 18 x 12". Wt. 26 1/2 lbs. 731-1077. 1-3 650.00 4-Up 617.50



VIDEO ANALYZER

Model VA48. Provides all signals for video monitors, VTRs, MATV systems and all B&W, color TVs, solid-state and tube operated. All standard bar patterns, NTSC sync, and phase-locked 3.58 MHz color subcarrier. Exclusive patented bar sweep pattern for alignment off the CRT screen or scope. All troubleshooting signals are available from two output jacks, from the antenna to the CRT grid, including VHF and UHF channels, tuner substitute, IF stage, and video state signals for both tube and solid-state sets. 3.58 MHz color subcarrier oscillator substitute signal. All sync circuit signals. Built-in patented ring test checks all yokes and flybacks. 3 1/2" meter, 3% accuracy, 105-130 VAC, 50-60Hz, 150W, 11 x 14 x 11". Wt. 22 1/2 lbs. 941-0048 Ea. 1095.00 4-Up . Ea. 985.00



DIGITAL IC COLOR GENERATOR/ANALYST

- Nine Patterns
- RF, IF, Video, Sync and Sound Outputs

Model 1248. Features include: switchable horizontal and vertical sync output, sync level independent of video level control, LSI MOS chip generates all patterns and logic functions, crystal controlled RF and IF outputs and switchable 4.5 MHz sound carrier. Applications: locates dead IF stages, checks operation of mixer, RF and local oscillators, checks stages sequentially, locates color shifts and internal ghosts from RF, mixer, IF or video stages, plus all standard color generator uses. Power: 105-130VAC, 60 Hz. Size: 2.25x7x9.38" (5.7x17.8x23.8cm). Weight: 4 lbs. (1.81kg). 731-1248. . . . Ea. 198.00 4-Up Ea. 188.10