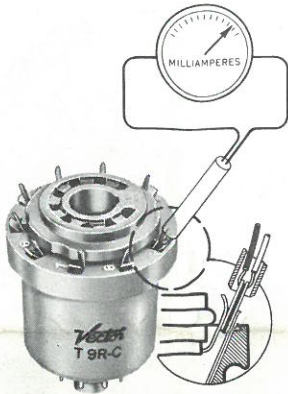




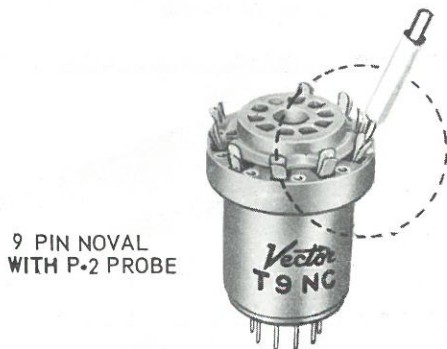
MEASURE CURRENT OR VOLTAGE WITHOUT CUTTING LEADS



9 PIN NOVAR
WITH P-2 PROBE

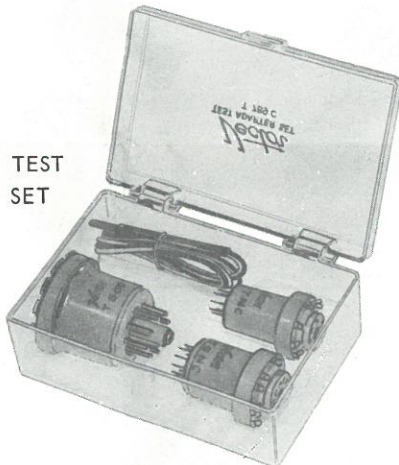


12 PIN
COMPACTRON



9 PIN NOVAL
WITH P-2 PROBE

T-789-C
CURRENT TEST
ADAPTER SET



Unique Vector current test adapters make possible tube circuit current or voltage measurements without cutting leads or making computations. All measurements may be made from the tube side of the electronic equipment without disturbing the chassis. In testing, the adapter is placed between the electronic tube and the socket completing the circuit and providing test tab elements. Adapters fit into shield bases for miniature and noval types or into standard tube clamps.

DOUBLE TEST TABS

Each test tab consists of a pair of spring contact elements which are separated electrically when the insulated dual side P-2 test probe is inserted. The pairs of elements are connected to the respective adapter prong and socket contacts. Insertion of the unique test probe "breaks" the circuit and provides current reading through the meter to which the two probe leads have been connected. If only voltage readings are desired the two leads can be connected jointly to a voltmeter. The electrostatic capacity between adjacent leads of the adapter is approximately 1 micro-micro-farad. The flash-over voltage between adjacent terminals is in excess of 1500 volts DC.

OTHER USES

Voltage and Wave Form Measurements may be made using the single sided P-1 probe supplied with the earlier Vector tube socket test adapter kits. For laboratory or experimental work the adapters provide an ideal method for adding resistors or capacitors in series with tube elements or for connecting leads to external circuits.

P-2 Dual Side Probe supplied with T-789-C and T-912-C sets.

The Probe when inserted between the pairs of test tab elements is gripped tightly and need not be held in place. A thick strip of mylar insulation is used between the two sides of the probe.

ORDERING INFORMATION

CATALOG NUMBER	SOCKET TYPE	SHELL BODY DIA.	SHELL SKIRT DIA.	LENGTH LESS PRONGS
T-7-M-C	7 PIN MIN.	0.74"	1.03"	1.41"
T-8-O-C	8 PIN OCTAL	1.26"	1.56"	1.50"
T-9-N-C	9 PIN NOVAL	0.87"	1.16"	1.41"
T-9-R-C	9 PIN NOVAR	1.26"	1.56"	1.56"
T-12-C	12 PIN COMPACTRON	1.25"	1.56"	1.56"

P-2 PROBE-REQUIRED FOR USE WITH INDIVIDUAL ADAPTERS

T-789-C	SET OF FIRST 3 ADAPTERS WITH P-2 PROBE IN CASE.
T-912-C	SET OF NOVAR AND COMPACTRON ADAPTERS WITH P-2 PROBE IN CASE.

SPECIFICATIONS

SOCKET AND PLUG CASTING	MICA-FILLED PHENOLIC, GRADE MFE MAX. CONTINUOUS OPERATING TEMP. 250° F.
SOCKET CONTACTS	BERYLLIUM COPPER, OR PHOSPHOR BRONZE AND GOLD FLASHED
TEST TABS	T-7-M-C, T-9-N-C, T-9-R-C. AND T-12-C: BERYLLIUM COPPER, OR PHOSPHOR BRONZE AND GOLD FLASHED T-8-O-C: BRASS, GOLD FLASHED
PLUG PRONGS	PHOSPHOR BRONZE, BRIGHT TIN PLATE EXCEPT T-8-O-C BRASS, TIN PLATED



SOCKET TEST ADAPTERS CUT TESTING TIME

Vector Test Adapters are ideal for making voltage, resistance and wave form measurements from the tube side of electronic equipment. In testing, the adapter is inserted between the electronic tube and its socket, completing the circuit. Tests can then be quickly made from the test tab elements without disturbing the chassis and saving time and effort.

RECESSED, SHOCK-PROOF TEST TABS

Each adapter has straight through plug to socket connections extended to radial test tabs on the adapter skirt surrounding the socket. These tabs are located above the adapter skirt affording protection for the operator's fingers during insertion and extraction. Socket contacts are beryllium copper for long life. Castings are molded of phenolic material. Adapters fit into the respective shield bases for miniature or noval tubes or into standard tube clamps.

The electrostatic capacity between adjacent leads of the adapters is approximately 1 micro-micro-farad in the unshielded types. The flash over voltage between adjacent terminals is in excess of 1500 volts DC.

PROBE PLUGS INTO TABS

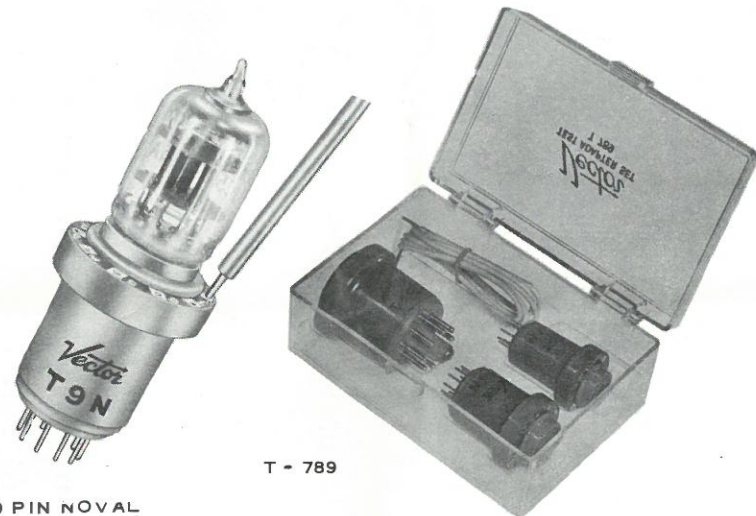
Each test tab is provided with a hole designed to grip a special Plug-in Probe when the latter is pressed in. Tests can then be made without holding the probe in place. One probe is included in each T-789 adapter set or may be ordered separately as P-1.

ADAPTER SETS

The Vector T-789 Test Adapter Set combines the three "must have" test adapters; the 7 pin Miniature, Octal and 9 pin Noval, plus a P-1 plug-in probe, all in a handy plastic carrying case. The individual adapters may be obtained separately if desired.

ORDERING INFORMATION

Catalog No.	Tube Type	Body Dia.	Skirt Dia.	Length Less Prongs	Std. Pack-Quantity
T-7-M	7 PIN MIN.	0.75	1.03	1.50	12
T-8-O	8 PIN OCTAL	1.25	1.56	1.50	12
T-9-N	9 PIN NOVAL	0.87	1.16	1.50	12
T-789	SET OF T-7-M, T-8-O, T-9-N, P1, IN CASE				6
P1	PLUG-IN PROBE WITH 30" LEAD.				12



9 PIN NOVAL

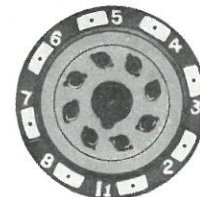
T - 789



7 PIN MINIATURE



8 PIN OCTAL

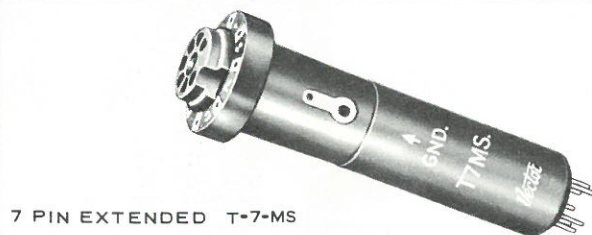


OCTAL

EXTENDED TUBE SOCKET TEST ADAPTERS

For most work the short, unshielded adapters are adequate. For hard to reach locations or where surrounding equipment restricts use of regular test adapters, the 3 to 4 inch extended adapter may be used. In these the leads between plug and socket are individually shielded to minimize coupling. The shield is brought out to a lug on the wall of the adapter and should be connected to the chassis being tested. Capacity to shield is about 8 mmf. per lead.

Catalog No.	Tube Type	Body Dia.	Skirt Dia.	Length Less Prongs	Standard Package
T-7-M-S	7 Pin Min.	0.75	1.03	3.25	6
T-8-O-S	8 Pin Octal	1.25	1.56	4.00	6
T-9-N-S	9 Pin Noval	0.87	1.16	3.25	6
P1	Plug-in Probe with 30" lead.				12
T-789-S	Set of above in case.				1



7 PIN EXTENDED T-7-MS

EXPERIMENTER'S TUBE SOCKET ADAPTERS

These adapters consist of the basic plug and socket structure used in the standard test adapters, but less the outer shell and tabs. Connecting pins from the plug are extended to, but not soldered to the socket terminals. The user can easily complete the connection according to his needs. Circuits can be readily opened for current measurements, or crossconnected in a multitude of ways for experimental purposes.

Catalog No.	Tube Type	Length Less Prongs	Standard Package
TX-7-M	7 Pin Min.	1.41"	6
TX-8-O	8 Pin Octal	1.45"	6
TX-9-N	9 Pin Noval	1.41"	6



NOVAL TX-9N

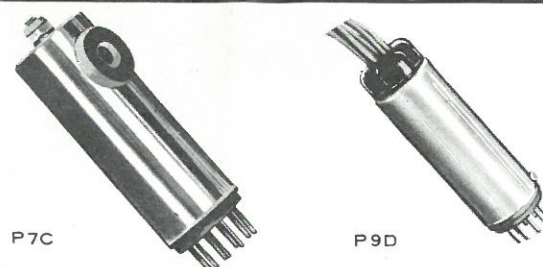
OCTAL TX-8-O

MIN TX-7M

CABLE CONNECTOR PLUGS

These permit connecting cables to miniature and noval tube sockets. Aluminum shells are fitted to the 7 and 9 pin tube base plugs. In type "C" a rubber grommet (with 1/4" hole) is mounted in the side wall and a center screw holds the assembly together. In type "D" a Heyco strain relief grommet is mounted in the end of the shell and base screws hold the shell on the plug. Similar connectors for other tube types supplied to order.

End Outlet	Catalog No. Side Outlet	No. of Pins	Outside Diameter	Approx. Length Less Prongs	Package Quantity
P7D	P7C	7	5/8"	2.100	6
P9D	P9C	9	3/4"	2.100	6



P7C

P9D