

U.S. and International Bases

ABBREVIATIONS used in these tables are: A, anode; C, cathode; D, diode anode; D.D., double diode; D.G., double grid; F, filament; F.W., full-wave; G, grid; H, heater; H.W., half-wave; H.C.T., heater centre tap; M, metallising;

O.A., oscillator anode; P, pentode; S, suppressor; S.G., screen grid; T, target; t, triode; V.D., voltage doubler.

Numbers following electrode letters give the order of electrodes from the cathode outwards (i.e., G1, G2 and G3), show

which electrodes are used together (i.e., G1, A1), or simply distinguish between similar electrodes (i.e., D1, D2).

The diagrams on the facing page, to which the pin numbers in the tables refer, are of the *underside* of the valveholders.

AMERICAN TYPES

Description.	Pins.	1	2	3	4	5	6	7	Top Cap.	Type Numbers.
1.1 Volt										
Triode	4	F	A	G	F	—	—	—	—	864, WX12
Triode	4	A	F	G	F	—	—	—	—	WD11
1.5 Volt										
Triode	4	F	A	G	F	—	—	—	—	26
2 Volt										
Triode	4	F	A	G	F	—	—	—	—	30, 30X, 31
D.G. Triode	5	F	A	G1	G2	F	—	—	—	49
D.D. Triode	6	F	A	D1	D2	G	—	—	—	1B5, 25S
Twin Triode	6	F	A1	G1	G2	A2	F	—	—	19
Screen Grid	4	F	A	SG	F	—	—	—	G	32, 1A4, 951
Pentode	4	F	A	SG	F	—	—	—	G	34
Pentode	5	F	A	G	SG	F	—	—	—	33, 2101, 1F4
Pentode	5	H	A	SG	C	H	—	—	G	15
Heptode	6	F	A	OA	OG	SG	F	—	G	1A6, 1C6
2.5 Volt										
Triode	4	F	A	G	F	—	—	—	—	26, 45, 2A3
Triode	4	H	A	G	H	—	—	—	—	2A3H
Triode	5	H	A	G	C	H	—	—	—	27, 56
D.G. Triode	5	F	A	G1	G2	F	—	—	—	46, 47
Triple G. Triode	7	H	A	G2	G1	G3	—	H	—	59
D.D. Triode	6	H	A	D1	D2	C	H	—	G	55, 2A6
Twin Triode	7	H	A1	G1	C	G2	A2	H	—	53
Screen Grid	5	H	A	SG	C	H	—	—	G	24A, 35, 51
Pentode	6	H	A	SG	S	C	H	—	G	57, 58
Pentode	6	H	A	SG	G	C	H	—	—	2A5
D.D. Pentode	7	H	A	SG	D1	D2	C	H	G	2B7
Heptode	7	H	A	SG	OA	OG	C	H	G	2A7
Rectifier H.W.	4	F	—	—	F	—	—	—	A	866
Rectifier F.W.	4	F	A	A	F	—	—	—	—	82
3 Volt										
Triode	5	H	A	G	C	H	—	—	—	485
3.3 Volt										
Triode	4	F	A	G	F	—	—	—	—	20, 99, X99
Triode	4	G	F	A	F	—	—	—	—	V99
Screen Grid	4	F	A	SG	F	—	—	—	G	22
5 Volt										
Triode	4	F	A	G	F	—	—	—	—	40, 112, 183, 00A, 01A, 12A, 71A, 200A, 182B

(Continued on opposite page)

The 'AVO' VALVE TESTER

Regd. Trade Mark

Here's the Valve Tester that will give an impetus to your valve sales. Gives an accurate indication of valve "goodness" by means of Mutual Conductance. Clearly shows customers when valves need replacing—has scale indicating "Good," "Indifferent" or "Replace." Every test made without removing valve from socket. Provides for more tests than other similar instruments. No calculations. Mains operated. No batteries.

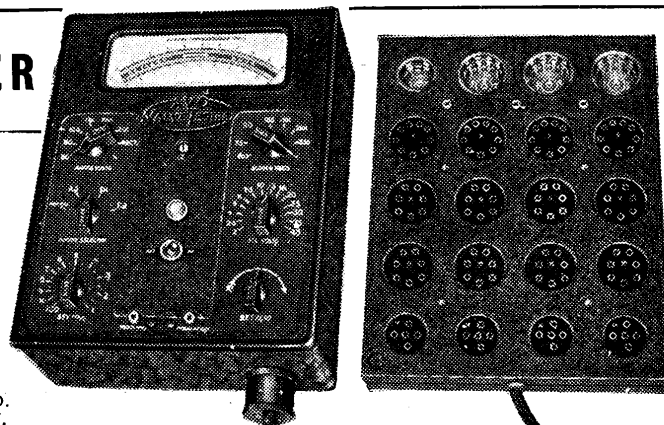
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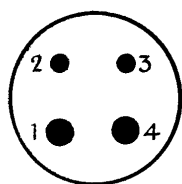
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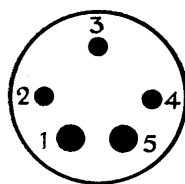
11 Gns.

Deferred Terms
if desired.
Extra Valve
Panel (for
either English
or American
Valves). 2 Gns.

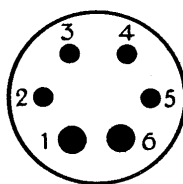




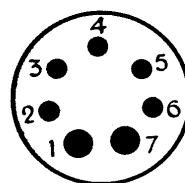
4 Pin



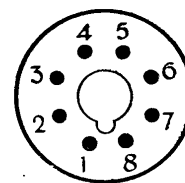
5 Pin



6 Pin



7 Pin



Octal

American Types (cont.) Description.	Pins.	1	2	3	4	5	6	7	Top Cap.	Type Numbers.
Rectifier F.W. ...	4	F	A	A	F	—	—	—	—	80, 83, 5Z3
Rectifier F.W. ...	4	H	A	A	H	—	—	—	—	83V
6.3 Volt										
Triode ...	4	F	A	G	F	—	—	—	—	683
Triode ...	5	H	A	G	C	H	—	—	—	37, 76
D.G. Triode ...	5	F	A	G1	G2	F	—	—	—	52
Triple G. Triode ...	6	H	A	G2	G3	C	H	—	G1	77, 78, 89
D.D. Triode ...	6	H	A	D1	D2	C	H	—	G	75, 85
Dual Triode ...	6	H	A1	A2	G2	C	H	—	—	6B5
Twin Triode ...	6	H	A1	G1	C	A2	H	—	G2	79
Twin Triode ...	7	H	A1	G1	C	G2	A2	H	—	6A6, 6E6
Screen Grid ...	5	H	A	SG	C	H	—	—	G	36
Pentode ...	5	H	A	SG	C	H	—	—	G	38, 39, 44
Pentode ...	5	F	A	G	SG	F	—	—	—	6A4, LA
Pentode ...	6	H	A	SG	S	C	H	—	G	77, 78, 6C6, 6D6
Pentode ...	6	H	A	SG	G	C	H	—	—	41, 42, 48
Pentode ...	7	H	A	SG	G	C	HCT	H	—	12A5
Pentode ...	7	H	A	SG	S	O	C	H	G	6D7, 6E7
D.D. Pentode ...	7	H	A	SG	D1	D2	C	H	G	6B7
Heptode ...	7	H	A	SG	A	OG	C	H	G	6A7
Triode-Pentode ...	7	H	Ap	SG	At	Gt	C	H	Gp	6F7
Rectifier H.W. ...	4	H	A	C	H	—	—	—	—	1V
Rectifier F.W. ...	5	H	A	A	C	H	—	—	—	84, 6Z4
Tuning Ind. ...	6	H	A	G	T	C	H	—	—	6G5, 6E5
7.5 Volt										
Triode ...	4	F	A	G	F	—	—	—	—	10, 50, 841, 842
Rectifier H.W. ...	4	F	A	—	F	—	—	—	—	81
Miscellaneous (12.6, 25, 30 and 14 v.).										
Triode ...	5	H	A	G	C	H	—	—	—	17
Tetrode ...	5	H	A	SG	C	H	—	—	G	14
Pentode ...	6	H	A	G2	G1, G3	C	H	—	—	18, 43, 48
Diode Pentode ...	7	H	Ap	SG	CD	D	Cp	H	G	12A7
Rectifier H.W. ...	4	H	A	C	H	—	—	—	—	12Z3
Rectifier V.D. ...	6	H	A1	C1	C2	A2	H	—	—	25R, 25Z5, 25Y5

AMERICAN AND INTERNATIONAL OCTAL TYPES

Description.	Pins.	1	2	3	4	5	6	7	8	Top cap.	Type Numbers.	
											American.	International.
Heptode ...	8	M	H	A	SG	OG	OA	H	C	G	6A8	X63
Heptode ...	7	M	H	A	SG	OG	—	H	CS	G	6L7	X64
Pentode ...	7	M	H	A	SG	S	—	H	C	G	6J7, 6K7	W63, Z63
Triode ...	5	M	H	—	A	—	—	H	C	G	6F5	H63
Triode ...	6	M	H	A	—	G	—	H	C	—	6C5	—
DD Triode ...	7	M	H	A	D1	D2	—	H	C	G	6Q7, 6R7	DH63
D. Diode ...	7	M	H	A1	C1	A2	—	H	C2	—	6H6	—
Twin Triode ...	8	M	H	A1	G1	G2	A2	H	C	—	6N7	—
Pentode ...	7	M	H	A	SG	G	—	H	C, G3	—	6F6, 25A6	—
Beam Power ...	7	M	H	A	SG	G	—	H	C	—	6L6	N63, N66
Rectifier F.W. ...	5	M	F	—	A1	—	A2	—	F	—	5W4	U50
Rectifier F.W. ...	5	M	H	—	A1	—	A2	—	H, C	—	5Y3, 5Z4	—
Rectifier F.W. ...	6	M	H	A1	—	A2	—	H	C	—	6X5	—
Rectifier V.D. ...	7	M	H	A1	C1	A2	—	H	C2	—	25Z6	D63
Tuning Ind. ...	6	—	H	A	T	G	—	H	C	—	—	Y63

NOTES.—Most International and some American types are not metallised and pin 1 is not connected.

U.S. "glass" octal types have the letter G added to the type numbers which, as shown, apply to "metal" tubes.

Connections are the same for both types.