

VALVE ELECTRONIC **CV1179**
(NR57)

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV1179/Issue 2 Dated 31.10.46. To be read in conjunction with K1001	<table border="1"> <tr> <th colspan="2"><u>SECURITY</u></th></tr> <tr> <td><u>Specification</u></td><td><u>Valve</u></td></tr> <tr> <td>Restricted</td><td>Unclassified</td></tr> </table>	<u>SECURITY</u>		<u>Specification</u>	<u>Valve</u>	Restricted	Unclassified
<u>SECURITY</u>							
<u>Specification</u>	<u>Valve</u>						
Restricted	Unclassified						

<u>TYPE OF VALVE:-</u> Triode				<u>MARKING</u>		
<u>CATHODE:-</u> Indirectly heated				See K1001/4.		
<u>ENVELOPE:-</u> Glass; clear						
<u>PROTOTYPE:-</u> TT4						
<u>RATING</u>			Note	<u>BASE</u> B5 See K1001/AIV/D5.2.		
Heater Voltage	(V)	4.0	A A A	Pin	Electrode	
Heater Current	(A)	1.0		1	Anode	
Max. Anode Voltage	(V)	250		2	Grid	
Mutual Conductance	(mA/V)	3.2		3	Heater	
Amplification Factor		10.5		4	Heater	
Anode Impedance	(Ω)	3,300		5	Cathode	
<u>CAPACITANCES (pF. approx.)</u>				<u>DIMENSIONS</u>		
C _{ag}		3.4		See K1001/AI/D1.		
C _{ac}		3.7		Dimension	Min.	Max.
C _{gc}		7.0		A mm	-	128
<u>NOTE</u> A. At V _a = 200 V, V _g = -12 V.				B mm	-	48
				<u>PACKING</u> See K1001/7.		

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions				Test	Limits		No. Tested
	Vh (V)	Va (V)	Vg (V)	Ia (mA)		Min.	Max.	
a	4.0	-	-	-	Ih (A)	0.8	1.2	100% or S
b	4.0	200	-12	-	Reverse Ig (μA)	-	2.5	100%
c	4.0	200	-12		Ia (mA)	13.5	25	100%
d	4.0	200	-10		Change in Ia from value in test 'c' (mA)	5.5	8.5	100%
e	4.0		-12	Value as in test 'd'	Va (V)	216	226	100% or S
f	4.0	200	-24		Ia tail (mA)	-	4.0	100%