

MODEL PAA
110° PICTURE TUBE ADAPTER
For use with **PRECISION** Tube Testers

PRECISION Model PAA Adapter Cable is specifically designed to adapt PRECISION Model PTA TV Picture Tube Adapter Cable for the test of 110° picture tubes on all PRECISION Models of Tube Testers.

The need for this Adapter Cable arises only because the basing of the 110° tubes differ from the conventional type picture tubes. A socket Adapter such as provided in your Model PAA is therefore required for these 110° tubes.

Two types of 110° tubes are presently in use. The first type incorporates a miniature type base designated as "small button Eightar"; the second utilizes a medium sized base designated as "small Seven Pin". Your Model PAA provides sockets for both these type bases and terminates in a duodecal plug which is to be plugged into the duodecal socket of your Model PTA Cable. When these two cables are plugged together, the overall combination of the cables can be used to check either of the above mentioned types of 110° tubes.

TEST INSTRUCTIONS

Once the PAA Adapter has been plugged into your PTA Adapter Cable, all test instructions are identical to the instructions included with your PTA Cable. For your convenience, a copy of the Test Data is attached.

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Use of Model PAA Adapter with PRECISION Model CR-30 CRT Tester:

Plug the PAA Adapter into the duodecal socket of your CR-30 Cable, and use the following data:-

A. "Small Seven Pin" Type

TEST	A	B	C	D	E	F	G	H	Fil Cont
Beam	1	1	2	24	0	-	2	10	1-12
Anode	5	1	2	24	10	-	10	13	
Focus El	5	1	2	24	35	-	10	6	

B. "Eightar" Type

TEST	A	B	C	D	E	F	G	H	Fil Cont
Beam	1	1	2	24	0	3	2	10	1-12
Anode	5	1	2	24	10	3	10	13	
Focus El	5	1	2	24	35	3	10	6	

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See Page 2 for Test Data to be used with PRECISION Receiving Tube Testers

**PAA PICTURE TUBE
TEST SETTINGS
(For use with "PRECISION" Tube Testers)**

MODEL	A	B	C	D	Cath Short	Cont.	Test	*Read on Meter Scale	REJECT	?	GOOD	Most new Tubes will Read:
640	1	9	16	3	7	-	2456	0-100	0-10	10-15	15-100	60-70
660	See specific instructions for "Beam Current Tests" in the Instruction Manual for Model 660 Tube and Transistor Tester											

MODEL	A	B	C	D	E	F	Fil Cont.	*Read on Meter Scale	REJECT	?	GOOD	Most new Tubes will Read:
612	3	7	45	1	-	2	8	0-100	0-10	10-15	15-100	60-70
614	3	7	45	1	-	2	8	0-100	0-10	10-15	15-100	60-70
620	3	7	45	1	-	2	8	0-120	0-12	12-18	18-120	72-84
654	3	7	45	1	-	2	8	0-120	0-12	12-18	18-120	72-84

MODEL	A	B	C	D	E	F	Depress	Fil Cont.	*Read on Meter Scale	REJECT	?	GOOD	Most new Tubes will Read:
910	2	6	0	45	10	2	J	F	0-100	0-10	10-15	15-100	75-85
912	2	6	0	45	10	2	J	F	0-100	0-10	10-15	15-100	75-85
914	2	6	0	45	10	2	J	F	0-100	0-10	10-15	15-100	75-85
915	2	6	0	45	10	2	J	F	0-100	0-10	10-15	15-100	75-85
920	2	6	0	45	10	2	J	F	0-120	0-12	12-18	18-120	90-102
922	2	6	0	45	10	2	J	F	0-120	0-12	12-18	18-120	90-102
954	2	6	0	45	10	2	J	F	0-120	0-12	12-18	18-120	90-102

MODEL	A	B	C	D	E	W	X	Y	Z	Fil Cont.	*Read on Meter Scale	REJECT	?	GOOD	Most new Tubes will Read:
10-12	3	1	0	22	7	-	-	2	-	1-8	0-100	0-20	20-30	30-100	90-100
10-15	3	1	0	22	7	-	-	2	-	1-8	0-100	0-20	20-30	30-100	90-100
10-20	3	1	0	22	7	-	-	2	-	1-8	0-120	0-24	24-36	36-120	108-120
10-22	3	1	0	22	7	-	-	2	-	1-8	0-120	0-24	24-36	36-120	108-120
10-54	3	1	0	22	7	-	-	2	-	1-8	0-120	0-24	24-36	36-120	108-120

*DISREGARD COLORED ARC:
READ ON NUMERICAL REFERENCE SCALE AS LISTED ABOVE

— PRECISION APPARATUS COMPANY, INC. —
70-31 - 84th Street,
Glendale 27, L. I., N. Y.

MODEL PAA
110° PICTURE TUBE ADAPTER
For use with ***PRECISION*** Tube Testers

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The need for this Adapter Cable arises only because the basing of the 110° tubes differ from the conventional type picture tubes. A socket Adapter such as provided in your Model PAA is therefore required for these 110° tubes.

Three types of 110° tubes are presently in use. The first two types incorporate a miniature type base designated as "small button Eightar"; the third utilizes a medium sized base designated as "small Seven Pin". Your Model PAA provides sockets for both these type bases and terminates in a duodecal plug which is to be plugged into the duodecal socket of your Model PTA Cable. When these two cables are plugged together, the overall combination of the cables can be used to check any of the above mentioned types of 110° tubes.

TEST INSTRUCTIONS

Use of Model PAA Adapter with PRECISION Model CR-30 CRT Tester:

Plug the PAA Adapter into the duodecal socket of your CR-30 Cable, and use the following data:-

<u>TUBE</u>	<u>TEST</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>	<u>H</u>	<u>Fil Cont</u>
14AJP4	Beam	1	1	2	24	0	3	2	10	1-12
"	Anode	5	1	2	24	10	3	10	13	
"	Focus E1	5	1	2	24	35	3	10	6	
(Must show short on 2-3)										
14ASP4		Same as 14AJP4								
14AVP4		" " 14AJP4								
17BRP4		" " 14AJP4								
17BVP4	Beam	1	1	2	24	0	-	2	10	1-12
"	Anode	5	1	2	24	10	-	10	13	
"	Focus E1	5	1	2	24	35	-	10	6	
17BWP4		Same as 17BVP4								
17BYP4		" " 17BVP4								
17BZP4		" " 14AJP4								
17CAP4		" " 14AJP4								
17CDP4		" " 14AJP4								
17CKP4		" " 14AJP4								
17CTP4		" " 14AJP4								
17CVP4		" " 14AJP4								
17CWP4		" " 14AJP4								
17DAP4	Beam	1	1	1	24	0	3	10	2	1-12
"	Anode	5	1	1	24	10	3	2	13	
"	Focus E1	5	1	1	24	35	3	2	6	
(Must show short on 2-3)										
21CEP4		Same as 14AJP4								
21CQP4		" " 17BVP4								
21CSP4		" " 17BVP4								
21CZP4		" " 14AJP4								
21DAP4		" " 14AJP4								
21DEP4		" " 14AJP4								
21DFP4		" " 14AJP4								
21DHP4		" " 14AJP4								
21DKP4		" " 14AJP4								

CR-30 TEST DATA CONTINUED ON NEXT PAGE

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CR-30 Test Data continued

21DMP4	Same as 14AJP4
21EAP4	" " 17DAP4
24AHP4	" " 14AJP4
24ALP4	" " 14AJP4
24AMP4	" " 17BVP4
24AQP4	" " 14AJP4
24AVP4	" " 17DAP4

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Use of Model PAA Adapter with PRECISION Tube Testers:

MODEL	A	B	C	D	Cath Short	Cont.	Test	*Read on Meter Scale	REJECT	?	GOOD	Most new Tubes will Read:
640	1	9	16	3	7	-	2456	0-100	0-10	10-15	15-100	60-70
<u>IMPORTANT NOTE:</u> For "SF" Types, the "B" Switch must be at 4.												
660	See specific instructions for "Beam Current Tests" in the Instruction Manual for Model 660 Tube and Transistor Tester											
<u>IMPORTANT NOTE:</u> For "SF" Types, the "B" Switch must be at 4.												

MODEL	A	B	C	D	E	F	Fil Cont.	*Read on Meter Scale	REJECT	?	GOOD	Most new Tubes will Read:
612/614 "110°"	3	7	45	1	-	2	8	0-100	0-10	10-15	15-100	60-70
612/614 "110° SF"	3	4	45	1	-	6	8	0-100	0-10	10-15	15-100	60-70
620/654 "110°"	3	7	45	1	-	2	8	0-120	0-12	12-18	18-120	72-84
620/654 "110° SF"	3	4	45	1	-	6	8	0-120	0-12	12-18	18-120	72-84

MODEL	A	B	C	D	E	F	Depress	Fil Cont.	*Read on Meter Scale	REJECT	?	GOOD	Most new Tubes will Read:
910/912 "110°"	2	6	0	45	10	2	J	F	0-100	0-10	10-15	15-100	75-85
910/912 "110° SF"	9	3	0	45	10	2	E	F	0-100	0-10	10-15	15-100	75-85
914/915 "110°"	2	6	0	45	10	2	J	F	0-100	0-10	10-15	15-100	75-85
914/915 "110° SF"	9	3	0	45	10	2	E	F	0-100	0-10	10-15	15-100	75-85

SEE NEXT PAGE FOR CONTINUATION OF "900 SERIES" TEST INFORMATION

MODEL	A	B	C	D	E	F	Depress	Fil Cont.	*Read on Meter Scale	REJECT	?	GOOD	Most new Tubes will Read:
920/922 "110°"	2	6	0	45	10	2	J	F	0-120	0-12	12-18	18-120	90-102
920/922 "110° SF"	9	3	0	45	10	2	E	F	0-120	0-12	12-18	18-120	90-102
954 "110°"	2	6	0	45	10	2	J	F	0-120	0-12	12-18	18-120	90-102
954 "110° SF"	9	3	0	45	10	2	E	F	0-120	0-12	12-18	18-120	90-102

MODEL	A	B	C	D	E	W	X	Y	Z	Fil Cont.	*Read on Meter Scale	REJECT	?	GOOD	Most new Tubes will Read:
10-12/10-15 "110°"	3	1	0	22	7	-	-	2	-	1-8	0-100	0-20	20-30	30-100	90-100
10-12/10-15 "110° SF"	3	1	0	22	4	-	-	6	-	1-8	0-100	0-20	20-30	30-100	90-100
10-20/10-22 "110°"	3	1	0	22	7	-	-	2	-	1-8	0-120	0-24	24-36	36-120	108-120
10-20/10-22 "110° SF"	3	1	0	22	4	-	-	6	-	1-8	0-120	0-24	24-36	36-120	108-120
10-54 "110°"	3	1	0	22	7	-	-	2	-	1-8	0-120	0-24	24-36	36-120	108-120
10-54 "110° SF"	3	1	0	22	4	-	-	6	-	1-8	0-120	0-24	24-36	36-120	108-120

*DISREGARD COLORED ARC:

READ ON NUMERICAL REFERENCE SCALE AS LISTED ABOVE

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