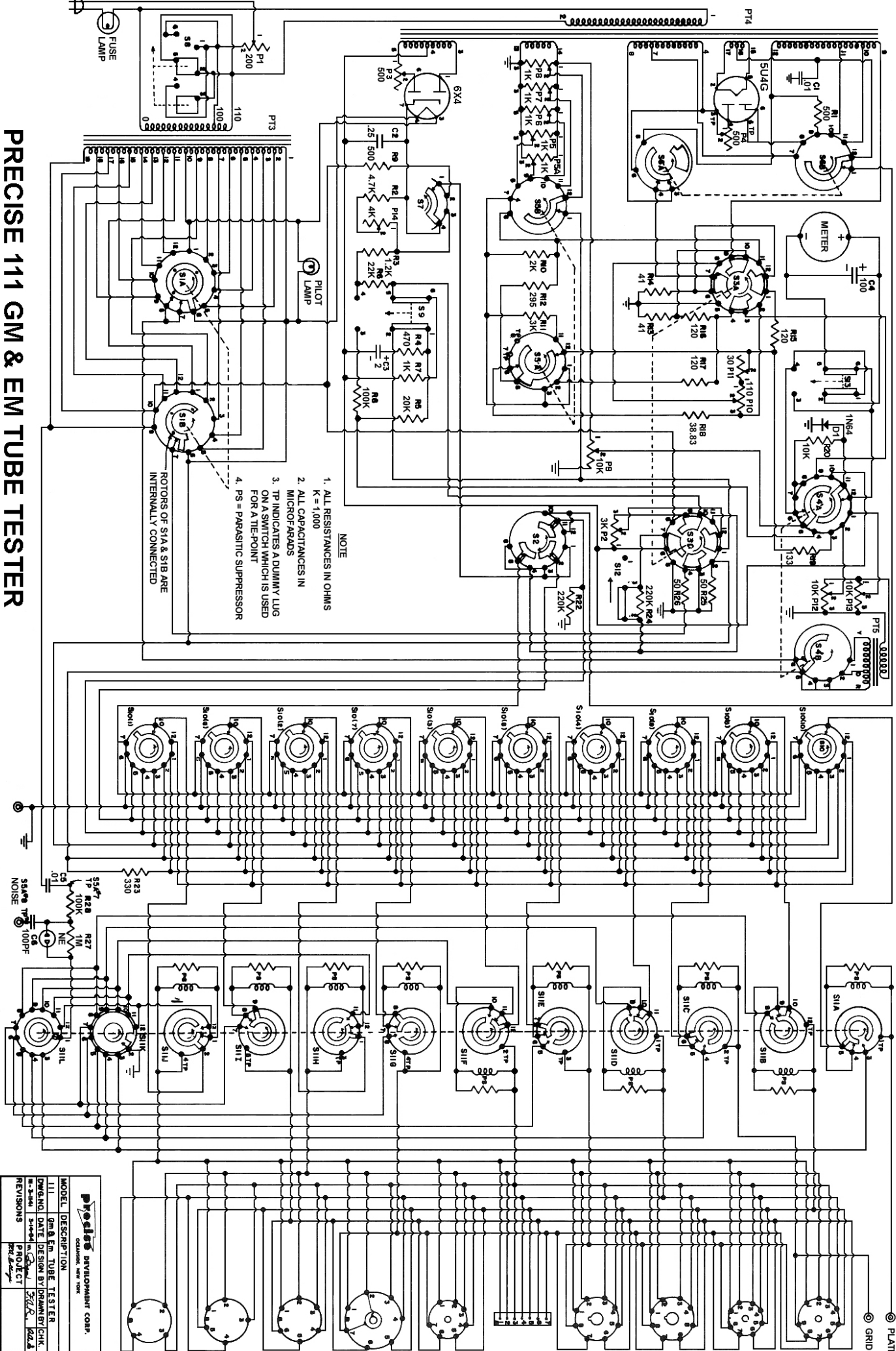




PRECISE 111 GM & EM TUBE TESTER

- NOTE
1. ALL RESISTANCES IN OHMS
K = 1,000
 2. ALL CAPACITANCES IN
MICRO-FARADS
 3. TP INDICATES A DUMMY LUG
ON A SWITCH WHICH IS USED
FOR A TIE-POINT
 4. PS = PARASITIC SUPPRESSOR

PRECISE DEVELOPMENT CORP.	
CAMDEN, NEW JERSEY	
MODEL	DESCRIPTION
111	GM & EM TUBE TESTER
DESIGNED	DATE
BY	DESIGNED BY
REVISIONS	PRODUCT

PARTS LIST

MODEL 111

GM & EM TUBE TESTER

PART#	DESCRIPTION	PART#	DESCRIPTION	PART#	AM'T	DESCRIPTION
R1	500-4W	S1	FILAMENT SWITCH	H20	1	Medium Grommet
R2	4.7K-2W	S2	TEST SWITCH	H25	2	Brass Meter Washer
R3	1.2K-1W	S3	Gm-Em SWITCH	H26	2	Brass Meter Hex Nut
R4	470	S4	METER SWITCH	H27	2	Meter Solder Lug
R5	20K-5%	S5	PLATE SHUNT SWITCH (May be stamped S5A)	H43	1	Leather Handle
R6	2.2K-1W	S6	PLATE VOLTAGE SWITCH	H44	1	Cabinet
R7	1K	S7	SCREEN VOLTAGE SWITCH	H45	2	Handle Bracket
R8	100K-5%	S8	3 POSITION SLIDE SWITCH (OFF-LIFE-ON)	H46	21	Round Base Bar Knob
R9	500-4W	S9	SMALL SLIDE SWITCH (BIAS)	H50	1	Panel
R10	2K-10W	S10	PIN FUNCTION SWITCH (10 each)	H53	5	Thin Spaghetti
R11	3K-10W	S11	SHORT SWITCH	H61	2	7 Pin Min. Socket
R12	295-7W	S12	SPRING RETURN SLIDE SWITCH (GAS)	H68	1	9 Pin Socket
R13	41-1%	S13	SMALL SLIDE SWITCH (METER REV)	H72	4	pin Jack
R14	41-1%	PT3	FILAMENT TRANSFORMER	H82	2	7 Lug Terminal Strip
R15	120	PT4	POWER TRANSFORMER	H84	1	Small Grommet
R16	120	PT5	CURRENT TRANSFORMER	H85	6	Large Grommet
R17	120	M5	METER	H93	1	Chassis
R18	38.83-1%	PART#	AM'T	H96	4	Rubber Feet
R19	133-1%	W1	1	H111	3	Blue Spaghetti
R20	10K	W2	1	H112	4	Star Washer
R21	47 (10 each)	W6	1	H119	1	Instruction Book
R22	220K	W9	1	H121	1	Diagram Book
R23	330-1W	W10	1	H122	1	Wiring Check Chart
R24	220K	V1	1	H123	1	Parts List (This Sheet)
R25	50-7W	V2	1	H124	1	Registration Card
R26	50-7W	D1	1	H128	2	Cable Clamp
R27	1M	B1	1	H136	14	6x $\frac{1}{4}$ Phillips Head Self Tapping Screw
R28	100K	NE51	1	H148	1	Pilot Light Socket
C1	.01 ufd (Disc)	B81	1	H200	1	4 Pin Socket
C2	.25 ufd @ 400V			H201	1	5 Pin Socket
C3	2 ufd @ 25V			H202	1	8 Pin Socket
C4	100 ufd @ 10V			H203	1	Octal Socket
C5	.01 ufd (Disc)			H204	1	6 Pin Socket
C6	100 uufd			H205	1	Large 7 pin Socket
P1	200-Pot. (LINE)			H206	1	8 Pin Sub-Min. Socket
P2	3K-Pot. (BIAS)			H207	1	7 Pin In-line Socket
P3	500-Pot. (SCREEN BALANCE)			H209	1	3/8" I.D. Retaining Ring
P4	500-Pot. (PLATE BALANCE)			H210	5	1-1/16" I.D. Retaining Ring
P5	1K-Pot. (3K Gm ADJUST)			H211	1	1-1/8" I.D. Retaining Ring
P5A	1K-Pot. (6K Gm ADJUST)	H1	1	H212	1	Rectangular Retaining Ring
P6	1K-Pot. (8K Gm ADJUST)	H2	22	H215	18	6-32x $\frac{1}{4}$ Phillips Head Machine Screw
P7	1K-Pot. (20K Gm ADJUST)	H4	44	H216	8	8-32x $\frac{1}{4}$ Machine Screw
P8	1K-Pot. (30K Gm ADJUST)	H9	6	H217	8	8-32 Palnut
P9	10K Pot. (LINE CALIB.)	H10	6	H219	1	Short Indicator Socket
P10	110-Pot. (Em SHUNT)	H11	6	H220	1	Fuse Lamp Socket
P11	30-Pot. (Em SHUNT CALIB.)	H14	3	H223	2	3 Lug Terminal Strip
P12	10K-Pot. (3 AMP FIL CURRENT CALIB.)	H15	4	H224	17	3/8" I.D. palnut
P13	10K-Pot. (.3 AMP FIL CURRENT CALIB.)	H18	1	H226	2	Pin plug
P14	4K-Pot. (LOW SCREEN VOLTAGE ADJUST)	H19	1	H227	2	Tube Cap
				H229	2	8x $\frac{1}{4}$ Self Tapping Screw
				H233	1	Roll Chart

ALL RESISTORS ARE 1/2 WATT, UNLESS OTHERWISE STATED.

ALL PRECISION (GREEN DEPOSITED CARBON) ARE 1/2 WATT.

NOTE: Certain components may have hardware already attached; these should be included in the count. O.D. means OUTSIDE DIAMETER while I.D. means IN-SIDE DIAMETER. A 6-32 screw is thicker than a #2 screw and is thinner than a #8. The first number indicates the thickness of the part while the next determines the number of threads per inch.