



# SUPREME

TEST INSTRUMENT BULLETIN



Our 28th Year

Greenwood, Mississippi

Second Quarter, 1955

## "TESTER-MONIALS"

by Supreme users

PENNSYLVANIA-" I have used your instruments for years and find they give better service longer than any others I have tried".

MISSOURI-" I appreciate your swift service very much. I highly recommend Supreme Test Equipment to anyone going into radio and television repair".

CALIFORNIA-" Supreme Instruments live up to the name".

MICHIGAN-" This (Supreme tube tester) has given excellent service since 1948. It is the best test equipment investment I have made thus far".

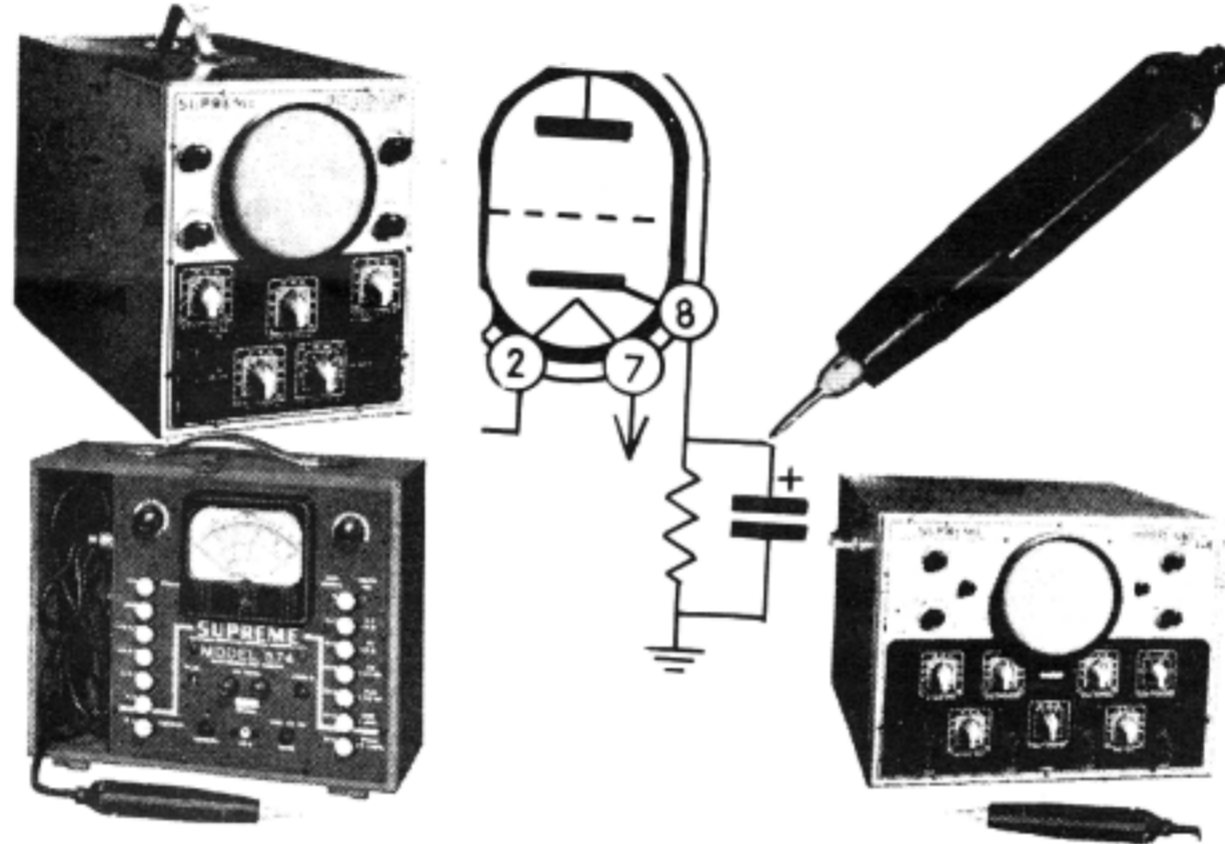
MONTANNA-" I wouldn't trade my Supreme tube checker for any other brand in the same price range".

TENNESSEE-" We like your test equipment. I have been using some of it since 1928".

Letters from coast to coast and all over the world are written evidence that "SUPREME BY COMPARISON" is more than just three printed words — IT'S A FACT. Supreme testing instruments are quality from beginning to end, and, the factory is interested in the way it performs as long as it is in service. These extracts from unsolicited letters proclaim the superiority of Supreme instruments--and also, what to expect from the factory as a SUPREME owner.

Supreme instruments have earned millions for the thousands of technicians that use them.

## PROBING FOR A-C — MEANING LOW MFD



## CHECKING CAPACITORS WITHOUT UNSOLDERING THEM FROM CIRCUIT

By using no more than an ohmmeter technicians can usually close in pretty fast on a defective resistor or coil. But condensers or capacitors---well, that is another story. A faulty capacitor, particularly the open or low value type, can keep the cause hidden for long periods of time. Needless to say these long periods cost the technician plenty.

In desperation, many resort to substitution which uses up material as well as time. If the technician is lucky, he may get out on a breakeven basis on his material. This means a loss on the job.

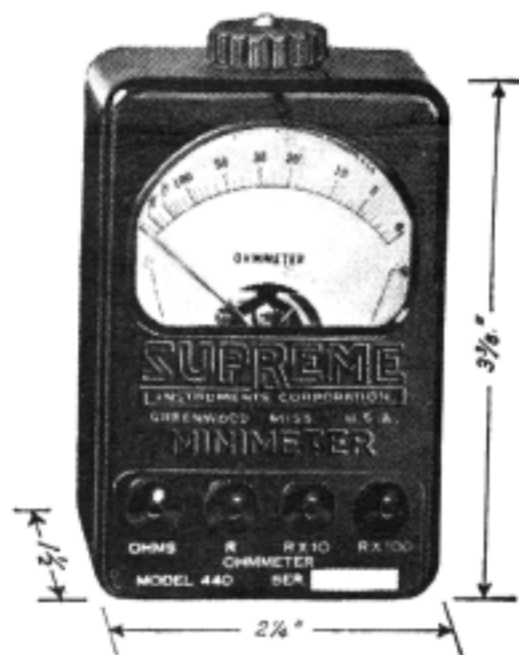
A shorted or leaking capacitor is usually found when checking the d-c voltage test points. Those that are open or have reduced capacity require other methods.

In radio sets the values start at about 0.01 Mfd which are easy to classify. In TV sets the values are much less and there are lots more of them. To unsolder each capacitor and test it, much less substitute new ones, would certainly be expensive. Here is a method that many technicians use, however, there are many that may be overlooking this procedure.

### Method is Simple

Refer to the illustration above. Check the d-c voltage across the capacitor. If normal, check the signal voltage across it. A capacitor that is not open and has adequate capacity will show very little, if any, signal voltage across its terminals.

## A QUALITY OHMMETER



by **SUPREME**

Supreme Model 440 Ohmmeter  
FITS THE SHIRT POCKET AND  
IT FITS THE POCKET BOOK  
Only \$12.90 with test leads

## REVISED SETTINGS FOR SUPREME TUBE TESTER CHARTS

The following tube settings supercede those listings for the respective tube types which now appear on the latest roll charts.

For Models 589, 599 & 504-A,B.

1LH4(Dio)	1	1	99	B	68
1U6	1	1	70	B	7
1U6	1	1	80	B	357
3AV6	3	4	23	C	2456
3AV6(Dio)	3	4	75	B	124
6AV6	3	6	23	C	2456
6AV6(Dio)	3	6	75	B	124
6BF5(17)	3	6	18	C	24
6U8(a4X1)	4	6	56	C	57
6U8 <sup>1</sup>	4	6	47	C	58

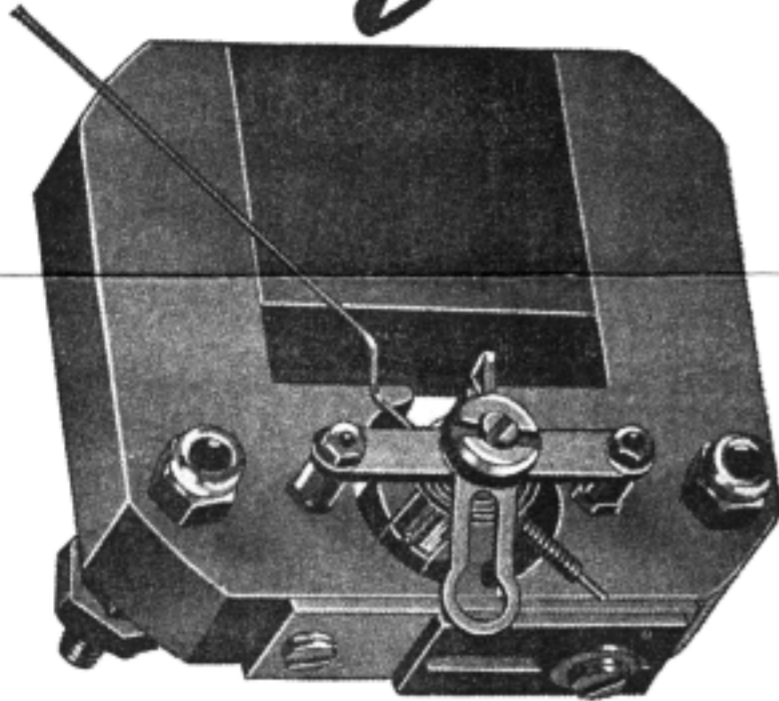
For Models 600 and 616.

6BC5(27)	56	B	3	7	247
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YOU MAY NEED A NEW CHART--If the chart now installed in your Supreme tube tester does not have the numbers 4965-544 or 9600-529, order a new chart. The price is still \$1.25 postpaid.

# A STRONG HEART PROVIDES A LONG, ACTIVE, EFFICIENT

*Life*



The HEART of Quality Test Instruments  
— a genuine SUPREME movement



QUALITY TEST INSTRUMENTS USE METER

MOVEMENTS BY

**SUPREME**

DOES YOURS?

From SUPREME, INCORPORATED  
GREENWOOD, MISSISSIPPI

REDER DRUG CO  
BLUE RAPIDS

KAN

Printed in U.S.A.

## SUPREME MAINTENANCE NOTES

IF THE roll chart does not roll freely on your Model 600 or 616 it is suggested that the two celluloid windows be replaced with a single piece of sheet polystyrene about one-sixteenth inch thick. A piece 2½ x 6 inches is large enough.

SAVE REPLACING TUBE TESTER sockets by using protective adapters which can be quickly replaced when sockets become worn. Many use the noval (9 pin) adapter if they are testing a lot of these tubes which have sharp steel pins.

## NEW SETTINGS FOR SUPREME TESTERS

For Models 589, 599 & 504-A,B.

For Models 600 and 616.

2V3G	2	3	60	E	7	2V3G	50	E	2	4	7
3BY6	3	4	56	B	24	3BY6	56	B	3	5	24
3CF6	3	4	56	B	24	3CF6	56	B	3	5	24
6AU8	4	6	23	C	15	6AU8	23	C	4	7	15
6AUB	4	6	19	C	56	6AU8	19	C	4	7	56
6AW8(a4X8)	4	6	19	C	15	6AW8	19	C	4	7	15
6AW8	4	6	16	C	56	6AW8	16	C	4	7	56
6AX8(a4X1)	4	6	56	B	57	6AX8	56	B	4	7	57
6AX8	4	6	47	B	58	6AX8	47	B	4	7	58
6AZ8(a4X8)	4	6	56	B	35	6AZ8	56	B	4	7	35
6AZ8	4	6	47	B	57	6AZ8	47	B	4	7	57
6BA8(a4x8)	4	6	56	B	56	6BA8	56	B	4	7	56
6BA8	4	6	47	B	15	6BA8	47	B	4	7	15
6BC4	4	6	20	C	56	6BC4	20	C	4	7	56
6BC8	4	6	58	B	35	6BC8	58	B	4	7	35
6BC8	4	6	58	B	58	6BC8	58	B	4	7	58
6BH8(a4X8)	4	6	56	B	56	6BH8	56	B	4	7	56
6BH8	4	6	47	B	15	6BH8	47	B	4	7	15
6BJ7(a4X3)	4	6	54	B	35	6BJ7	54	B	4	7	15
6BJ7	4	6	54	B	15	6BJ7	54	B	4	7	57
6BJ7	4	6	54	B	57	6BJ7	54	B	4	7	59
6BK4	2	6	99	B	17	6BK4	99	B	2	7	17
6BL4	7	6	21	C	38	6BL4	21	C	7	7	38
6BY6	3	6	56	B	24	6BY6	56	B	3	7	24
6CB5(134568)	2	6	19	C	367	6CB5(134568)	19	C	2	7	367
6CG7	4	6	23	C	35	6CG7	23	C	4	7	35
6CG7	4	6	23	C	58	6CG7	23	C	4	7	58
6DE6	3	6	19	C	24	6DE6	19	C	3	7	24
12BR7	4	8	30	C	35	12BA7(45)	30	C	9	7	345
12BR7(dio)	4	8	85	B	578	12BA7(dio)	85	B	9	7	4578
12BR7(dio)	4	8	85	B	568	12BA7(dio)	85	B	9	7	4568
12AV5GA	2	8	21	C	37	12AV5GA	21	C	2	9	37
12BV7(45)	6	6	18	C	145	12BV7(3459)	18	C	6	7	145
12C5	3	8	18	C	14	12C5	18	C	3	9	14
12CS6	3	8	56	B	24	12CS6	56	B	3	9	24
25AV5GA	2	9	23	C	37	19AU4	23	C	7	10	38
25C6GA	2	9	20	C	78	25AV5	23	C	2	11	37
25CA5(25)	3	9	19	C	14	25C6	20	C	2	11	78
25CD6GB	2	9	19	C	37	25CA5(25)	19	C	3	11	14
1625	1	8	20	A	67	25CD6GB	19	C	2	11	37
1626	2	8	26	C	78	1625	20	A	1	9	67
1629	2	6	90	D	78	1626	26	C	2	9	78
5608A	1	3	30	C	347	1629	90	D	2	7	78
5608A	1	3	30	C	457	5608A	30	C	1	4	347
5686(138)	4	6	19	C	1358	5608A	30	C	1	4	457
5687(a4X1)(45)	8	6	19	C		5686(13689)	19	C	4	7	1358
5687	8	6	19	C	456	5687(45)	19	C	8	7	345
5763	4	6	20	C	57	5687	19	C	8	7	456
5812(34)	7	6	23	C	34	5763(89)	20	C	4	7	57
6146(146)	2	6	21	C	1467	5812(34)	23	C	7	7	34

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