

SUPREME

TEST EQUIPMENT BULLETIN



Our 25th Year

Greenwood, Mississippi, U.S.A.

Second Quarter 1952

HOW WOULD IT AFFECT YOU?

The subject of licensing those who render electronic service to the public is getting a lot of discussion these days.

Several Angles

From what we can gather, it appears that most set owners and technicians in the larger cities want some type of state licensing regulation. They feel that a statute of law would give some recourse, through an impartial board, in the event they encounter an irresponsible person (with little or no experience) posing as a professional technician.

On the other side, opposing licensing, are mostly groups concerned with the manufacture and sale of parts. They feel that such a regulation might reduce the number of potential parts customers to mostly amateurs, experimenters and professional technicians. Those who do not have sufficient experience to obtain a license and serve the public, would not require as many parts as if they were buying them for resale; therefore, some sales would be lost. Some technicians and distributors, however, have voiced an opinion that a more responsible group would be attracted to selecting electronic service as a career, and, such losses would be offset by more and better customers.

Economically speaking, one group is concerned with income from services rendered and the other from sale of parts. As to whether licensing will help the technician realize more from his investment in training and experience and bring more responsible men into the field, is something for long range thinking.

In smaller communities, the technician does not appear to be much concerned. His reputation is pretty well known. No "shingle" is usually necessary to prove to his customers that he is not a "fly by night" individual and that he has had adequate experience. His path crosses those of his customers too often, and a bad reputation is both financial and social suicide. Roving technicians coming into the town are not so apt to pull any questionable tactics like those which bring public criticism to even the innocent in larger cities.

Will licensing help the public? the technician? the set manufacturer? the parts manufacturer? the distributors? We would like to know what your thinking is. Write the Editor, Supreme Test Equipment Bulletin and express yourself.

NEW SETTINGS FOR SUPREME TUBE TESTERS

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

2C52	7	8	56	B	68
2C52	7	8	56	B	38
3C4 (17)	5	1	27	C	17
6AD8	4	6	30	C	3578
6AD8 (dio)	4	6	90	B	2357
6AD8 (dio)	4	6	90	B	2358
6AR6	6	6	23	C	18
6BW6	4	6	25	C	35
6V3 (27)	4	6	20	C	59
7G8	1	6	23	C	468
7G8	1	6	23	C	568
14R7	1	8	52	B	3478
14R7 (dio)	1	8	90	B	4678
14R7 (dio)	1	8	90	B	3678
25U4	7	9	21	C	38
50CD6	2	11	19	C	37
5610 (15)	3	6	30	C	24
5844	3	6	55	B	467
5844	3	6	55	B	457
5845 (dio)	7	2	56	B	134
5845 (dio)	7	2	56	B	345
6005 (17)	3	6	15	A	24

For Models 600 and 616.

2C52	56	B	7	9	68
2C52	56	B	7	9	38
3C4 (17)	27	C	5	2	17
6AD8	30	C	4	7	3578
6AD8 (dio)	90	B	4	7	2357
6AD8 (dio)	90	B	4	7	2358
6AR6	23	C	6	7	18
6BW6	25	C	4	7	35
6V3 (279)	20	C	4	7	5X
7G8	23	C	1	7	468
7G8	23	C	1	7	568
14R7	52	B	1	9	3478
14R7 (dio)	90	B	1	9	4678
14R7 (dio)	90	B	1	9	3678
25U4	21	C	7	11	38
50CD6	19	C	2	13	37
5610 (15)	30	C	3	7	24
5844	55	B	3	7	467
5844	55	B	3	7	457
5845 (dio)	56	B	7	3	134
5845 (dio)	56	B	7	3	345
6005 (17)	15	A	3	7	24

TEST EQUIPMENT AND CONFIDENCE

An Inadequate Service Charge Is Bad Business

Next to "know-how" and experience, test equipment is the electronic technician's most important investment. Too often this important asset is neglected and the necessary equipment is not on hand when needed.

The difference between profit and loss on a repair job depends upon how quickly and efficiently you locate the trouble. Repairs can usually be done by less experienced personnel. Correcting the trouble is routine, once the defective part or maladjustment is found. Having the right equipment always available, and in good working condition, is absolutely essential to efficient service.

Service charges should be based on your investment in test equipment, your know-how, and your experience--not just on the actual time spent plus cost of parts. Having the proper equipment on hand to locate the trouble increases your confidence and helps you to sell your technical services--the most profitable part of your business.

THE TECHNICIANS LIBRARY

The most complete reference book we have seen to date on oscilloscopes is ENCYCLOPEDIA ON CATHODE-RAY OSCILLOSCOPES AND THEIR USES by J. F. Rider and S. D. Uslan. This book is rich with application information of particular interest to electronic technicians who use or own an oscilloscope.

Publisher: John F. Rider, New York City.

NEED ASSISTANCE?

Are you getting the maximum use from your test equipment? Perhaps you need some help with a special application not fully covered in the manual. Possibly your equipment requires a minor adjustment or repair.

Write the Service Engineer at the factory and receive a prompt reply to your questions. There is no charge for this consultation service.

DOES THE ROLL CHART IN YOUR SUPREME TESTER LIST THESE TUBES?

5AX4	7AB7	12SW7	7	8	5	C	3458	7AJ7	6BD7
6BQ7		12SW7(Dio)	7	8	5	B	368	7AD7	
		12SX7	7	8	23	C	68		
6AT7	7AK7	12SW7	7	8	23	C	38		
		12SW7	2	8	25	C	78		
		12SW7	4	6	24	C	157	6W6	26D6

If these tubes are not listed on your roll chart, better order one today! Advise Model No. of your tester and enclose \$1.17 with your order. Mail to Tube Setting Service, Supreme, Inc., Greenwood, Miss.

TRADE - IN

AN OLD TESTER

ON A GENUINE

SUPREME

SIGNAL GENERATOR

FOR A LIMITED TIME YOUR DISCARDED TEST EQUIPMENT AND PANEL METERS CAN HELP YOU OWN ONE OF THESE HIGH QUALITY SUPREME SIGNAL GENERATORS.

Supreme wants some specimens of old test equipment and panel meters to be used in a research project. To obtain these specimens as quickly as possible, Supreme will ship a popular Model 666 at a special price to those who send in an old tester or 10 panel meters. Items over five years old are preferred. However, a later model which has had extreme abuse or been exposed to the weather will qualify. Any make, type, brand, of any size and in any condition is acceptable. This most unusual offer will be withdrawn as soon as the desired specimens are obtained, SO YOU MUST ACT PROMPTLY.

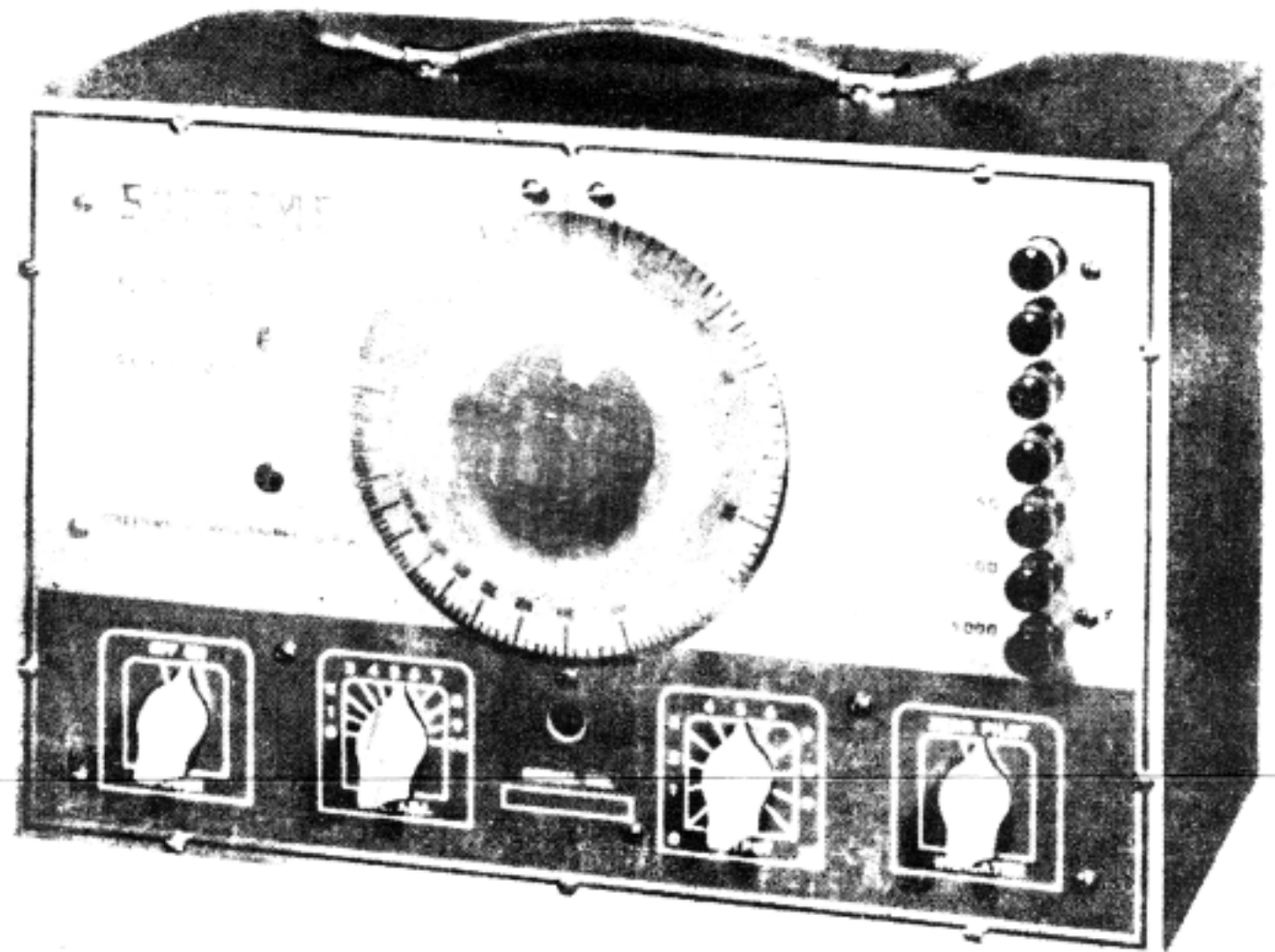


The Supreme Model 666 RF, AF, and TV Marker Generator is the most ideal signal source on the market. It cannot be matched for performance, durability, or accuracy even

at many times the price. Completely variable AF oscillator (15 to 15,000 cycles) which can be used by itself or to modulate the RF section. RF oscillator covers 65kc to 20.5mc on fundamentals. Useful to 120mc on harmonics. Incorporates two VTVM sections for reading AF (% modulation) and carrier level--plus many other important features you would expect to find only in a signal generator selling for over \$225.00! Panel size 11 1/2 x 15 1/2 inches. Weight, 35 pounds. Regular price \$141.60. Special price to those who send a discarded tester with order----**\$79.60**

Supreme will pay shipping charges on the Model 666 when full amount (\$79.60) is sent with order. If C.O.D. shipment is desired, send 20% deposit. For prompt delivery of your Model 666, send transportation receipt showing prepaid shipment of old tester with your order. Shipment can then be made before old tester is received by us. This is an unusual opportunity for many who have long wanted a high quality Supreme Signal Generator. Buying a Supreme Instrument is not an expense--it is the best investment you can make. All Supreme instruments are fully guaranteed for one year from date of factory shipment.

ACCURATE • DEPENDABLE • SUPREME BY COMPARISON



SUPREME MODEL 680

SUPREME's answer to a multitude of requests for a practical audio oscillator of the beat frequency type. Convenient size and rugged construction for portability. Built with high quality components and workmanship for dependability. Quantity production for a budget price.

SPECIFICATIONS

FREQUENCY RANGE: 15 cycles to 15 Kc—continuously variable, no band-switching required. WAVEFORM: Sinusoidal—harmonic distortion at least 25 Db below fundamental at 50 cycles and 5 Kc—maximum distortion 5%. OUTPUT: Virtually flat over frequency range. ±1 db 30 cycles to 10 Kc, down 2 db at 15 cycles and 15 Kc. VOLTAGE OUTPUT: 65 volts RMS maximum no load; 50 volts RMS maximum properly loaded. Output fully controllable by knob on panel. IMPEDANCE: Output terminals for 250, 500, 5000 ohms impedance either side of CT. Terminals provided for use with either single or balanced (push pull) input systems. INDICATOR: Built-in (neon) for zero frequency adjust and pilot. STABILITY: Two high C oscillators keep frequency drift to minimum during warm up period. DIAL: Metallic, direct reading (0-15,000 cycles). Calibration spread over 12-inch arc (280 degrees). PROFESSIONAL APPEARANCE: Housed in sturdy hammerloid finished metallic case with leather handle. Dimensions 13 1/2 x 9 x 6 1/2 inches. Wgt. 21 pounds.

See for yourself

Order Model 680 directly from the factory. Check it in your lab for 10 days. Return for full credit if it does not meet your needs. We know from comments of users all over the world, that, after you see and use the Supreme Model 680, you will be convinced it would be an outstanding value at twice the price. Repeat orders from educational institutions, industrials, government, laboratories and recommendations of research, design operating and maintenance engineers are evidence of its ability to give dependable service. It is another "Supreme by Comparison" value in every respect.

PRICE \$83.00 f. o. b. Greenwood



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