

radio and tv

TEST INSTRUMENTS



No 49

GERNSBACK LIBRARY



\$1.50

BK - 906

RADIO and TV TEST INSTRUMENTS



Gernsback Library No. 49

PUBLISHED BY
GERNSBACK LIBRARY, INC.
New York, N. Y.

COPYRIGHT, 1953

BY HUGO GERNSBACK

All Rights Reserved

First Printing--July, 1953

Second Printing--June, 1955

Third Printing--May, 1957

RADIO and TV TEST INSTRUMENTS

Chapter 1	Television Grid Dip and Absorption Meter	<i>H. L. Bumbaugh</i>	7
Chapter 2	Picture Tube Circuit Analyzer	<i>H. L. Matsinger</i>	16
Chapter 3	Picture Tube Tester	<i>General Electric Company .. Tube Dept. Electronics Div.</i>	21
Chapter 4	The TV Service Aid	<i>Charles G. Buscombe</i>	28
Chapter 5	Television Intercom	<i>Milton Lowens</i>	33
Chapter 6	Three-Inch Oscilloscope	<i>Robert C. Sanford</i>	37
Chapter 7	Oscilloscope Calibrator	<i>Robert F. Scott</i>	46
Chapter 8	Omnitester	<i>Wesley Neelands</i>	52
Chapter 9	Portable Signal Generator	<i>J. C. Anderson</i>	57
Chapter 10	Signal Launcher	<i>Robert E. Altomare</i>	61
Chapter 11	Dynamic Signal Tracer	<i>W. Carl Marsh</i>	67

Chapter 12	Practical VTVM	<i>Julian P. Freret</i>	73
Chapter 13	Multi-Purpose Tester	<i>A. Iwaniewsky</i>	79
Chapter 14	Volt-Ohm-Milliammeter	<i>William C. Stoecker</i>	85
Chapter 15	Sensitive R.F. Voltmeter....	<i>A. Stratmoen</i>	91
Chapter 16	Resistance and Capacitance Bridge	<i>J. W. Korte</i>	95
Chapter 17	Power Tester	<i>Rufus P. Turner</i>	101
Chapter 18	Loudspeaker Test Unit	<i>Samuel P. West</i>	103
Chapter 19	Television Marker Generator	<i>Bruce Morrissette</i>	106
Chapter 20	Carrying Case for Home Service	<i>Andrew E. Jackson</i>	113
Chapter 21	Work Bench for Radio and TV	<i>C. R. Askey</i>	120
Chapter 22	Miscellaneous Test Equipment	<i>William E. Wadsworth and George Kelly</i>	125