

CONTENTS

1	Introduction	<i>page</i>	1
2	The Cathode-Ray Tube		3
3	The Basic Oscilloscope		20
4	The Y-attenuator and Amplifier		25
5	X-deflection Amplifier		41
6	Trigger Circuits and Timebase Circuits		44
7	Power Supplies, Cathode-Ray Tube Circuit and Z-modulation		82
8	Connection of Oscilloscope under Test, Voltage and Current Probes		88
9	Differential Amplifiers		100
10	Multitrace Oscilloscopes		106
11	Delayed Timebase or Dual-Timebases (Strobe Timebase)		123
12	Calibrators		136
13	Some Uses of an Oscilloscope		138
14	Photography		168
15	Complex and Special Oscilloscopes		177
16	Storage Oscilloscopes and Transient Recorders		185
17	Sampling Oscilloscopes		199
18	Spectrum Analysers		211
	Glossary		217
	Index		225