

**YF33**  
**RINGER**  
**YOKE & FLYBACK TESTER**  
**AND SWEEP CIRCUIT ANALYZER**

**SCHEMATIC AND PARTS LIST**



**SENCORE**

3200 SENCORE DRIVE, SIOUX FALLS, SOUTH DAKOTA 57107

Form 1280

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THE ALL AMERICAN LINE OF HIGH QUALITY TEST EQUIPMENT

# YF33 PARTS LIST

SCHEMATIC REFERENCE	PART NO.	DESCRIPTION	PRICE
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## IMPEDANCE MATCHING P.C. BOARDS

C1A	24G344	Capacitor, 47pF (selected)	.25
C2A	24G279	Capacitor, 470pF (selected)	.25
C3A	24G345	Capacitor, .002mF (selected)	.25
C1B	24G346	Capacitor, .01mF (selected)	.25
C2B	24G338	Capacitor, .033mF (selected)	.25
C3B	24G339	Capacitor, .15mF (selected)	.50
SW2, 3	25A221	Switch, Push, 2P2T	3.25

## MAIN P.C. BOARD

IC101	69G7	IC, Quad Dual NOR, 4001	.75
TR101, 102, 104,105,107	19A33	Transistor, NPN, 2N3904	.50
TR103	19A19	FET, N-Channel, MPF102 (selected)	.75
TR106	19A19	FET, N-Channel, MPF102	.75
CR101,103, 104, 111, 112, 113	50C5-2	Diode, 1N4148	.25
CR102	16S5	Rectifier, 1A, 800PIV	.50
CR105,106, 107,108	16S10	Rectifier, 1A, 400PIV	.50
CR109,110	50C4-11	Diode, Zener, 15V	.50
CR114	50C5-2	Diode, 1N4148	.25
R116	15C7-10	Control, 1.7K, SENSITIVITY CAL	.75
R127	15C7-11	Control, 50K, METER CAL	.75
R117,118	14C8-221	Resistor, 220 ohm, 1w, 10%	.25
R122	14C29-1005	Resistor, 100K, 1/2w, 1%	.75
C101	24G295	Capacitor, .01mF	.25
C102	24G214	Capacitor, .001mF, Disc	.25
C103	24G223	Capacitor, .15mF	.50
C104, 113	24G135	Capacitor, 47pF	.25
C105	24G271	Capacitor, 50mF, Lytic	.50
C106,112	24G140	Capacitor, .002mF	.25
C107	24G181	Capacitor, 200mF, Lytic	1.00
C108	24G272	Capacitor, 1000mF, Lytic	1.75
C109	24G202	Capacitor, 10mF, Lytic	.25
C110	24G120	Capacitor, 10mF, Lytic	.25
C111	24G119	Capacitor, 470pF	.25

## FUNCTION P.C. BOARD

CR201	16S5	Diode, 1A, 800PIV	.50
R201	14C29-3905	Resistor, 390K, 1/2w, 1%	.75
R202	14C29-4104	Resistor, 41K, 1/2w, 1%	.75

R203	14C29-6005	Resistor, 600K, 1/2w, 1%	.75
C201	24G320	Capacitor, .1mF	.50
C202	24G162	Capacitor, 62pF	.25
C203	24G172	Capacitor, 100pF	.25
C204	24G188	Capacitor, .001mF	.25
SW201	25A222	Switch, Push, FUNCTION	4.00

## CHASSIS - MOUNTED COMPARTMENT

R1	15C3-28	Control, 1K, SENSITIVITY ADJ	.75
R2	15C3-28	Control, 1K, METER ZERO	.75
SW1	25A155	Switch, Slide, ON-OFF	.50
M1	23C56A	Meter, 100uA, 2%	22.50
I1	20A5	Lamp, GE47	.25

## ASSEMBLIES

143A80A	P.C. Board Assy-Upper	7.25
143A80B	P.C. Board Assy-Lower	7.25
143A79D	P.C. Board Assy	31.25
143A81B	P.C. Board Assy	11.25
110C293	Case Wrap Assy	7.00
110B294	Meter Door Assy	4.00
110A295	Lead Storage Door Assy	3.00
10K329	Case Bottom	3.50
128B65B	Transformer Assy	8.25

## MISCELLANEOUS

26G113R	Banana Jack, Red	.25
21A44B	Glamour Cap, Black	.25
21A58	Push Button, Gray	.25
21A45-B	Push Button, Black	.25
37G28	Rubber Feet	.25
27G13	Line Cord, 3-conductor	1.50
1169T	Instruction Tape Cassette	2.75
	Test Leads	1.75

Components not listed are standard replacement parts and may be purchased locally. When ordering parts, please specify instrument model number, schematic reference, part number, and description. Please include remittance (check or money order) with your order, otherwise invoice will be shipped C.O.D. Minimum billing is \$3.00. Prices and specifications in effect at date of printing and are subject to change without notice.

