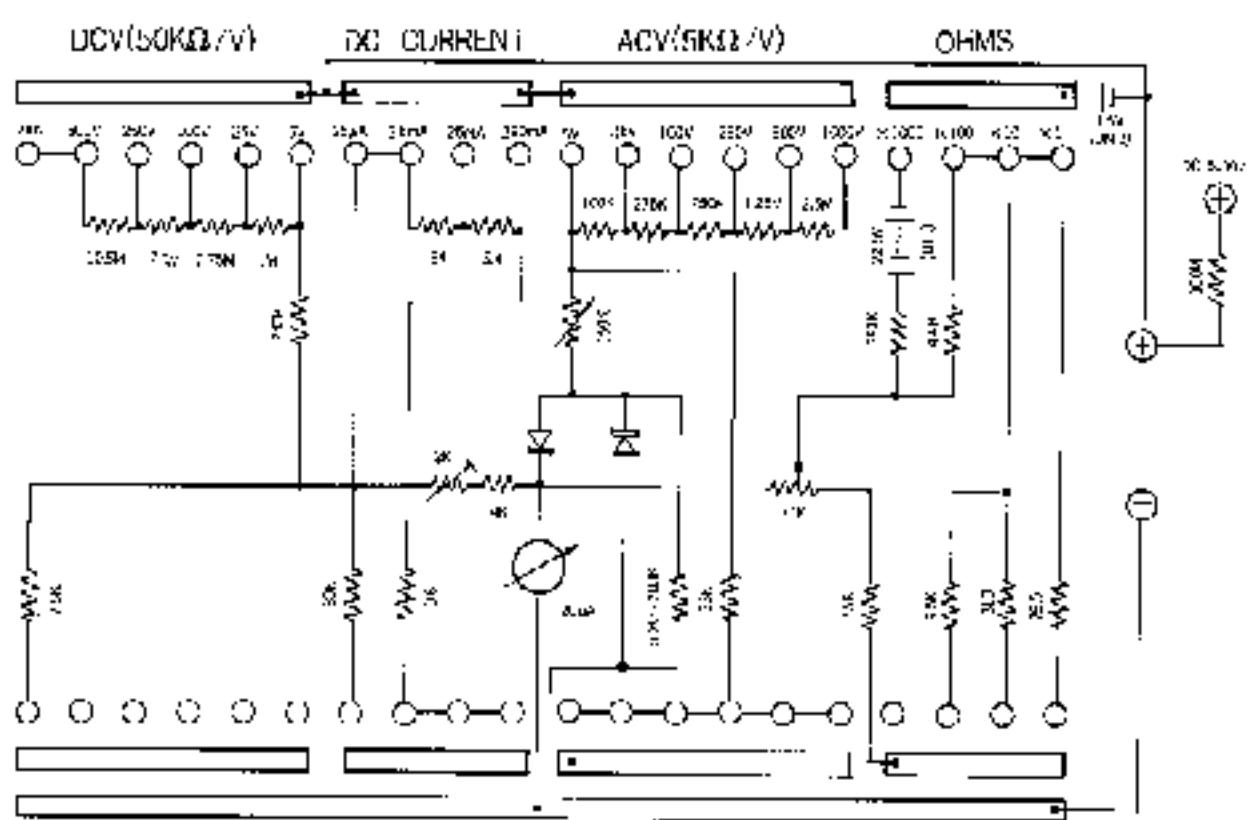


# MODEL 320-X SCHEMATIC DIAGRAM



## 320-X List of main parts

Part	Description	Symbol	Description
R 1	Resistor 100Ω, 1W, 1% 500V multiplier	R32	Resistor 644Ω, 1W, 1% 500V multiplier
R 2	Resistor 125Ω, 1W, 1% 300V multiplier	R33	Resistor 62Ω, 1W, 1% 2100Ω multiplier
R 3	Resistor 14Ω, 1W, 1% 1000Ω multiplier	R34	Resistor 621Ω, 1W, 1% 870Ω multiplier
R 4	Resistor 12Ω, 1W, 1% DC 25V multi. pot.	R35	Resistor 12Ω, 1W, 1% unipolar, 400Ω × 1 ohm
R 5	Resistor 64Ω, 1W, 1% 30V multiplier	R36	Resistor 12Ω, 1W, 1% 100Ω adjustable potentiometer
R 6	Resistor 17Ω, 1W, 1% shunt	R37	Resistor 1.2Ω, 1W, 1% shunt
R 7	Resistor 12Ω, 1W, 1% series shunt	R38	Resistor 120Ω, 1W, 1% DC 500V multiplier
R 8	Resistor 14Ω, 1W, 1% shunt	S 1	Diag. cap 113 μF
R 9	Resistor 10Ω, 1W, 1% 200Ω shunt	S 2	Diag. cap 123 μF
R10	Resistor 154Ω, 1W, 1% DC 25V shunt	D1-D2	Diodes 1N4007, 1N4008, 1N4009
R11	Resistor 10Ω, 1W, 1% DC 25V shunt	P	Panel 1000Ω, open
R12	Resistor 100Ω, 1W, 1% 300V shunt		Var. 1000Ω, open, two.
R13	Resistor 12Ω, 1W, 1% 100Ω multiplier	S3	Bottom holder with holding ring
R14	Resistor 12Ω, 1W, 1% 50Ω multiplier	M	Motor - movement (25 microammeter)
R15	Resistor 12Ω, 1W, 1% 25Ω multiplier		Diag. cap 100μF
R16	Resistor 12Ω, 1W, 1% 10Ω multiplier		Resistor holder
R17	Resistor 12Ω, 1W, 1% 2Ω multiplier		Range selector switch
R 18	Resistor 12Ω, 1W, 1% 5Ω multiplier		Range selector switch
R19	Resistor 12Ω, 1W, 1% 2Ω multiplier		Zero trim control
R20	Resistor 12Ω, 1W, 1% AG start		Meter movement 0-1000
R21	Resistor 12Ω, 1W, 1% AG control, opt. shunt		Trim pot. meter 500Ω
	Resistor 12Ω, 1W, 1% shunt 10Ω AG series		