

HEATHKIT CONDENSER CHECKER

MODEL C-3



SPECIFICATIONS

Power Requirements:	110-125 volts, 50-60 cycles a-c
Cabinet Size:	9½" wide x 6½" high x 5" deep
Kit Shipping Weight:	7 pounds
Power Supply:	Power transformer—half wave rectifier
Capacity: 4 Ranges:	.00001 mfd - .005 mfd .001 mfd - .5 mfd .1 mfd - 50 mfd 20 mfd - 1000 mfd
D-C Leakage Test	
Polarizing Voltages: 5 Ranges:	25 volts d-c 150 volts d-c 250 volts d-c 350 volts d-c 450 volts d-c
Resistance Ranges: 2 Ranges:	100 ohms to 50,000 ohms 10,000 ohms to 5 megohms
Circuit:	A-c powered bridge for both capacitive and resistive measurements. Maximum opening of electron beam indicator denotes bridge balance.

WARRANTY

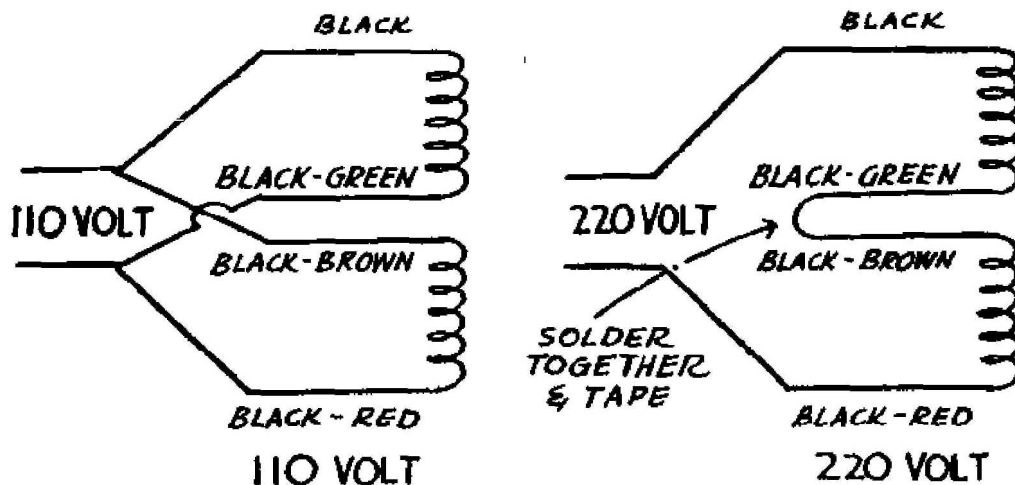
The Heath Company limits its warranty of parts supplied with any Heathkit (except tubes, meters and rectifiers, where the original manufacturer's guarantee only applies) to a period of three (3) months from the date of purchase. Replacement will be made only when said part is returned postpaid, with prior permission and in the judgment of the Heath Company was defective at the time of sale. This warranty does not extend to any Heathkits which have been subjected to mis-use, neglect, accident and improper installation or applications. Material supplied with a kit shall not be considered as defective, even though not in exact accordance with specifications if it substantially fulfills performance requirements. This warranty is not transferable and applies only to the original purchaser. This warranty is in lieu of all other warranties and the Heath Company neither assumes nor authorizes any other person to assume for them any other liability in connection with the sale of Heathkits.

The assembler is urged to follow the instructions exactly as provided. The Heath Company assumes no responsibility for the operation of the completed instrument, nor liability for any damages or injuries sustained in the assembly or operation of the device.

HEATH COMPANY
Benton Harbor, Michigan

WIRING OF EXPORT TYPE 110/220 VOLT POWER TRANSFORMERS

These transformers have a dual primary for use on either 110 Volts or 220 Volts.
Wire as shown.



C3 PARTS LIST

Part No.	Parts Per Kit	Description	Part No.	Parts Per Kit	Description
Resistors			Knobs-Sockets		
1-9	1	1000 ohms	100-M4	1	Indicator Knob
1-20	1	10K ohms	434-2	1	Octal saddle socket
1-22	5	22K ohms	434-4	1	Octal ring socket
1-29	1	220K ohms	462-M1	3	Pointer knobs
1-33	1	470K ohms			
1-35	1	1 megohm	Grommets-Feet-Terminal Strips		
1-40	1	10 megohm	73-1	5	3/8 grommets
1-7A	1	47K ohm 1 watt	261-1	4	rubber feet
2-41	1	90K ohm precision	431-1	1	1-lug terminal strip
2-54	2	200K ohm precision	431-2	1	2-lug terminal strip
2-16A	1	2K ohm precision	431-3	1	3-lug terminal strip
			431-5	1	4-lug terminal strip
Condensers			Clips-Binding Posts-Plugs		
20-2	1	200 MMF precision	260-1	2	alligator clips
23-3	1	.01 MFD	100-M16	3	binding post caps
23-19	1	.02 MFD precision	427-2	3	binding post bases
23-10	1	.05 MFD	438-1	1	black banana plug
23-13	1	.25 MFD	438-2	1	red banana plug
23-16	1	2 MFD precision			
25-2	2	8 MFD-475V. electrolytic	Wire		
Controls-Switches			89-1	1	line cord
11-6	1	10K ohm W.W. control	340-2	1	#20 bare wire
19-13	1	800 ohm W.W. control w. DPST sw.	341-1	1	length red test wire
63-45	1	2 pos. spring return switch	341-2	1	length black test wire
63-46	1	12 pos. switch	344-1	1	length hookup wire
Transformer-Tubes			Hardware		
54-7	1	power transformer	208-2	1	mounting clip
411-29	1	1626 tube	250-8	2	#6 sheet metal screws
411-30	1	1629 tube	250-9	9	6-32 screws
Sheet metal parts			250-19	2	#10 handle screws
90-14	1	Cabinet	250-22	3	setscrews for knobs
200-M35	1	Chassis	252-3	12	6-32 nuts
203-39F7	1	Panel	252-7	4	control nuts
204-M34	1	Bracket	253-1	3	#6 fibre flat washers
211-1	1	Handle	253-2	3	#6 fibre shoulder washers
			253-10	4	control nickel washers
			254-1	4	#6 lockwashers
			254-4	4	control lockwasher
			259-1	7	#6 solder lugs

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