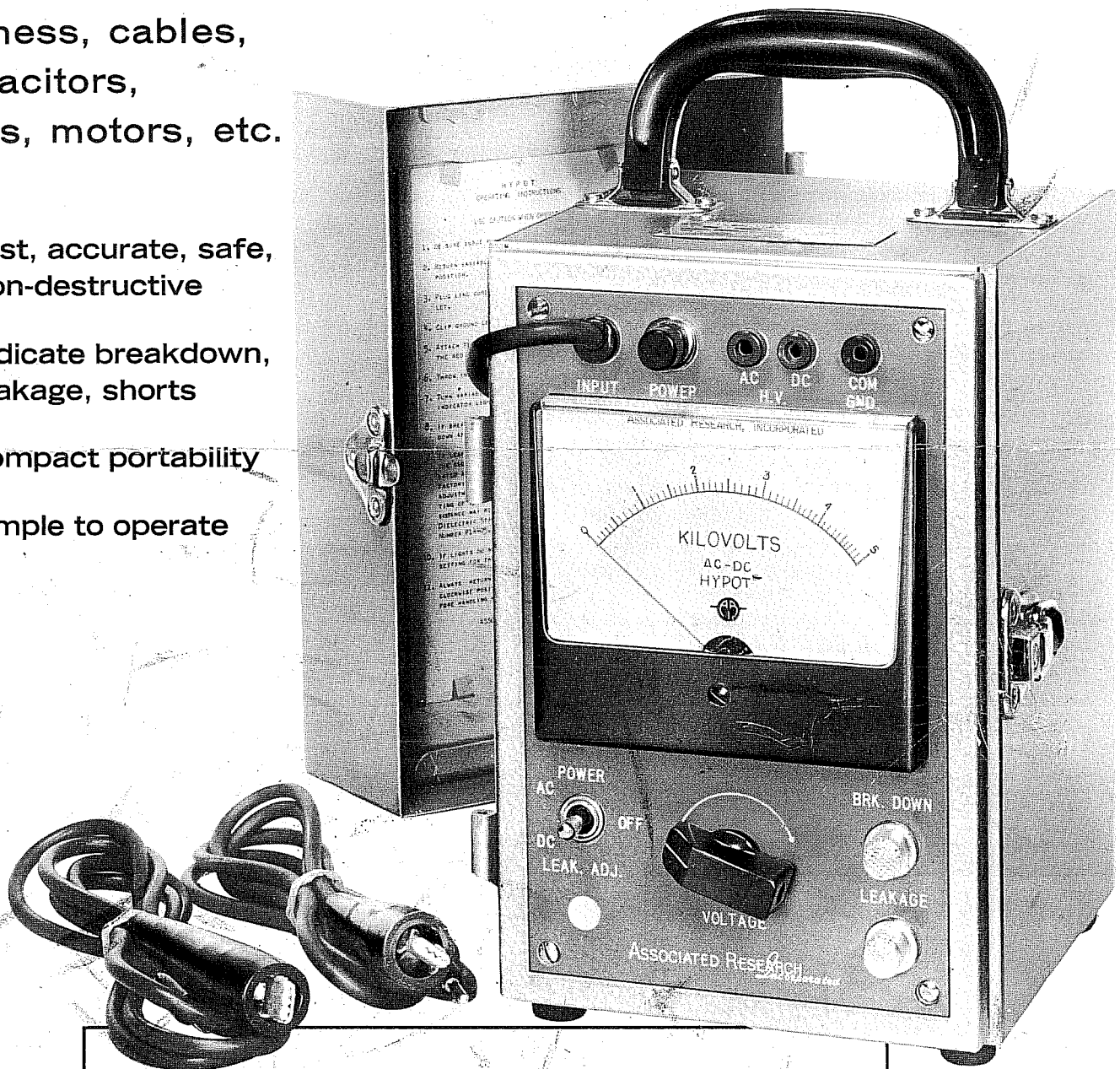


Combined AC-DC
dielectric strength testers
of electronic components,
harness, cables,
capacitors,
tools, motors, etc.

- fast, accurate, safe, non-destructive
- indicate breakdown, leakage, shorts
- compact portability
- simple to operate



Model 4045 • 0-5000 V AC or DC

General features

Input: 115 volts, 50/60 cycle AC through 5' input lead with three-prong plug.

Output: Continuously adjustable from zero to maximum. 5' leads furnished, terminating in insulated test clips. Ripple less than 2% on DC at full load.

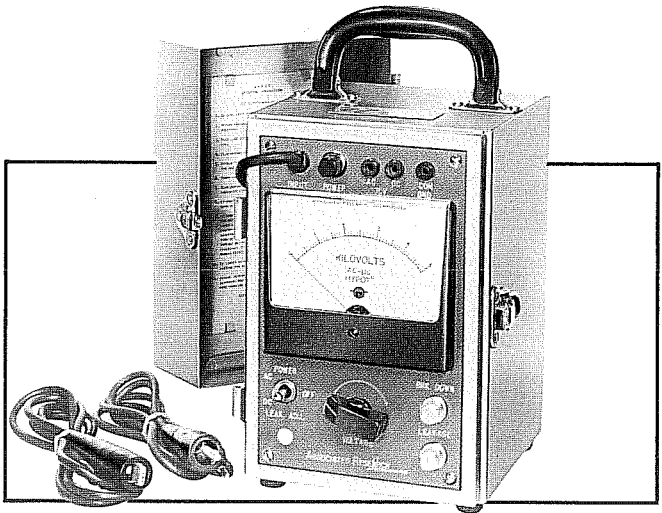
Controls: ON-OFF switch with red pilot light; variable output voltage control, AC-DC output selector switch.

Metering: 4½" kilovoltmeter connected directly across high voltage output. Accuracy 3% of full scale. Neon "breakdown" light to indicate arcing, corona or breakdown, and neon "leakage" light to indicate excessive leakage current.

Safety: Collapsing field type power transformer automatically lowers the output voltage as current flow increases. Short circuit current limited to approximately 15 MA. Cabinet and panel at ground potential.

Cabinet: Durable gray hammerloid finish, portable steel case with heavy blue hammerloid aluminum panel. Compartment in removable cover for test leads, line cord and instruction book. Dimensions (closed): 6" x 9" x 8½". Weight: Approximately 20 pounds.

Special: Leakage light adjustable (by means of screwdriver) from front panel over range of 300 microamperes to 3 milliamperes. Standard factory setting is 0.5 milliampere.



PRICE

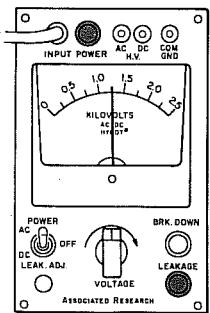
Model No.	Output (Volts)	
4045	0-5000	

OPTIONAL ACCESSORIES

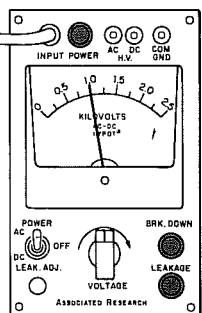
Number	Description	
11912	Red retractable tip test prod	
11911	Black retractable tip test prod	
10624	Stationary prod (Black)	

These prods take the place of the insulated Test Clips. They come with full instructions for customer installation. If factory installation is desired (one or two prods), add \$12 installation charge to your order for each instrument.

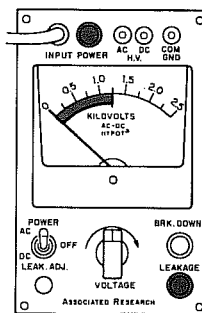
TEST FOR LEAKAGE • BREAKDOWN • SHORTS



LEAKAGE
Any current in excess of the leakage light setting causes neon leakage light to glow.



BREAKDOWN
The breakdown light glows when breakdown, arcing or corona occur. The leakage light also glows when the breakdown arc or corona current exceeds value of leakage light setting.



SHORT CIRCUIT
If direct short circuit is present at beginning of test, the leakage light will glow and the output voltage will not build up in response to turning up the output voltage control. If a short occurs while test is being made, leakage light will glow and output voltage will collapse to zero immediately.

USED BY MANY OF THE NATION'S LEADING MANUFACTURERS



Instruments for measuring: • Insulation resistance . . . the MEG-CHEK® • Ground resistance — soil resistivity . . . the VIBROGROUND® • High Voltage breakdown, AC-DC . . . The HYPOT® • Cable Fault location . . . the HYJoule® • Special instrumentation for laboratory, production, and maintenance needs.

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