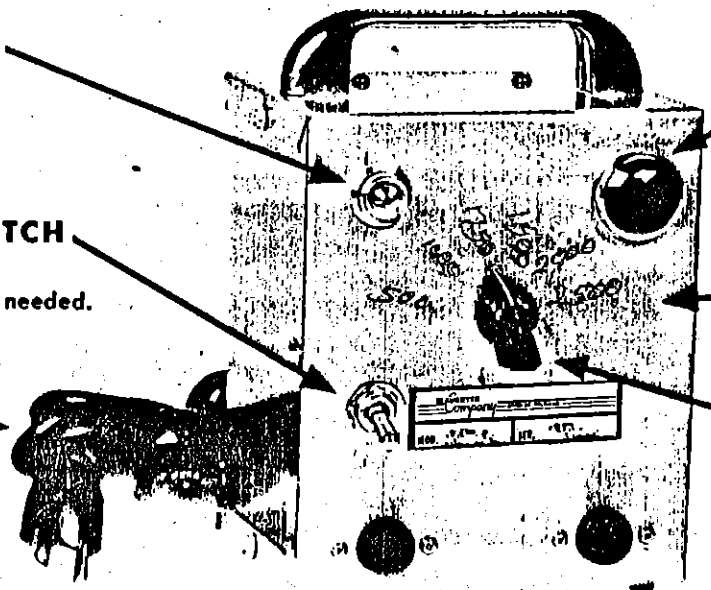
Hear the test—Watch your work!



PILOT LIGHT
Always lit when Tester is on.

ON-OFF SWITCH
Industrial type.
No warm-up period needed.

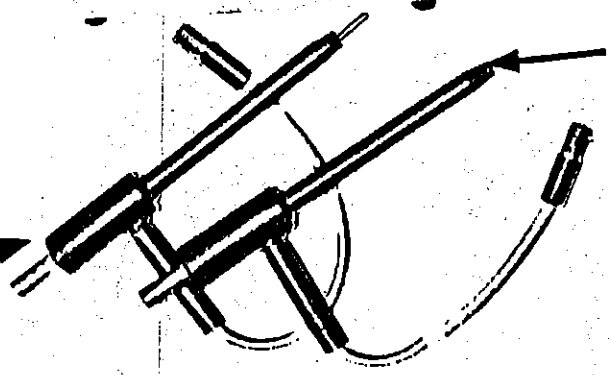
LINE CORD
8½ feet long.
Plugs into any 115 volt, 60 cycle outlet.

BREAKDOWN LIGHT
Lights only while a breakdown, ground, or short exists.
. . . also rings . . .

BUZZER
Inside case.
Buzzer has no contacts.
Tester has no relays.

TESTING VOLTAGES
Plainly marked. Knob operates ceramic-base snap-action switch.

RETRACTING PRODS
Slim enough to test parts in tight spaces.
(see prods in use on front)



QUALITY CONTROL ENG.
NOV 0 2 1989
M. J. Brady

PROD SHOWN EXTENDED

Shown above is a standard Model 101-2.5 unit in 50 VA rating. Same construction is utilized in all ratings, though cabinet size varies. Test prods are standard and are included in the price of the unit. The 50 VA rating is adequate for most applications in testing typical equipment up to 5 hp. In cases where higher capacity is needed, either because the equipment to be tested is large, or to meet the detail requirements of applicable specifications, a 500 VA unit should be specified.

SPECIFICATIONS — STANDARD MODELS

RATING .....VA	50	500
Test Voltages .....RMS	500/1000/1250/1500/2000/2500	500/1000/1250/1500/2000/2500
Max. Short Circuit.....MA	110/70/55/45/35/30	1000/500/425/360/260/200
Cabinet Size .....WxHxD	5 x 6 x 4	6 x 9 x 5
Weight .....lbs.	6	24

Standard units are for use on 50/60-cycle, single-phase, 117-volt power. Other input voltages available on special order.

SLAUGHTER COMPANY ARDMORE, OKLAHOMA

SLAUGHTER Company
TEL 405-223-4773
P. O BOX 1805 ZIP 73401
ARDMORE, OKLAHOMA

MAINTENANCE AND REPAIR - Cont'd.

ADJUSTMENT

IMPORTANT: These units will not function properly if the breakdown lamp bulb is burned out or missing. Be sure to check the bulb before attempting adjustment.

Adjustment of standard units is by means of a small screw on the end of the buzzer. Best results will be obtained if this screw is backed out and then turned in slowly during the adjustment procedure.

Adjustment of Option M units is by means of a calibration "pot" mounted on a circuit board which is mounted on the high-voltage transformer.

Adjustment of the unit requires the use of a variable voltage power source, such as a "powerstat", and precision resistors. Make adjustment to obtain the action specified in the chart below when test prods are touched to the specified load.

UNIT	INPUT VOLTS	TEST VOLTS	LOAD RESISTORS OHMS M.J. Brady	WATTS	CURRENT	ACTION
101 Std. 50 VA	135	2500	None		None	Slight Hum Permissible
	117	1000	30,000	20	N.S.	Must Buzz
	90	500	Short Circuit		N.S.	Must Buzz
101 Option U 500 VA	135	2500	None		None	Slight Hum Permissible
	117	1000	2,000	20	N.S.	Must Buzz
	90	500	Short Circuit		N.S.	Must Buzz
101 Option M	135	2500	None		None	Must NOT Buzz
	117	1000	2 Meg	2	500 UA	Must Buzz
	117	1000	2.5 Meg	2	400 UA	Must NOT Buzz
	90	500	Short Circuit		N.S.	Must Buzz

If voltages are to be checked, operate unit at 117 volts input and use a meter of at least 5000 ohms per volt-sensitivity. Voltages should check within ±5% -- they will tend to run slightly high under no-load conditions.