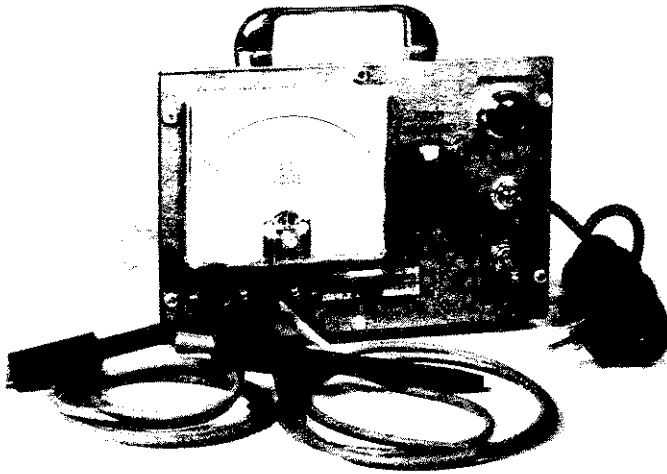


Adjustable High-voltage Tester with buzzer signal on breakdowns ... grounds shorts

SERIES 106 AND 108



FASTER

*You watch what you're doing
—not the Tester.*

BETTER

*Can be adjusted when your
line voltage varies.*

FOR SAFE PRODUCTS

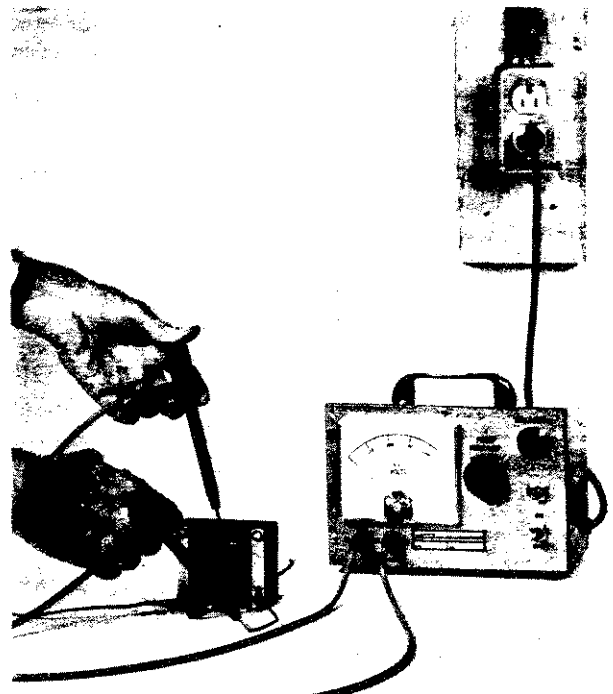
Use these testers to apply a high voltage to your electrical products at various stages of manufacture to detect insulation weakness, grounds, or shorts. Use Series 106 Tester if AC testing voltage is required, and Series 108 if DC testing voltage is needed.

DESCRIPTION

These breakdown testers operate upon the principle that when breakdown occurs, insulation resistance drops sharply. They are limited energy units, and will not damage delicate parts, or highly finished surfaces. Test voltage is continuously variable and the panel voltmeter monitors the actual test voltage at the output terminals of the unit.

BUILT FOR PRODUCTION

Test leads are detachable making it easy to replace worn leads and prods. Require no routine maintenance, and repair parts are readily available.



Here's the details...

SLAUGHTER COMPANY _____ **ARDMORE, OKLAHOMA**

TWX 910-830-6972

TELEPHONE: 405-223-4773

Hear the test—Watch your work!

VOLT METER

Reads actual testing voltage at prods.

BREAKDOWN LIGHT

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

BUZZER

Inside case.

PILOT LIGHT

Always lit when Tester is on.

ON-OFF SWITCH

Industrial type. No warm-up needed.

LINE CORD

7 1/2 feet long. Plugs into any 117 volt, 60 cycle outlet.

TEST LEADS

4 feet long. Very flexible.

PROD SHOWN EXTENDED

RETRACTING PRODS

Slim enough to test parts in tight spaces.

Shown above is a standard Model 106-2.5 unit in the 50 VA rating. The 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 sufficient for most applications, in which the inherent capacity to ground or the product under test does not exceed .0075 MFD — about 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 particular specifications, a 500 VA unit should be specified.

Units equipped with LOCK-OUT feature require manual reset after rejection. This feature is now required for many UL applications.

SPECIFICATIONS — Standard AC Series 106 Models

Voltage RangeRMS	400/2500		800/5000		1000/10,000	
RatingVA	50	500	50	500	50	500
Max. Short Circuit.....MA	20	325	10	180	10	110
Cabinet Sizewxhxd	9x6x5	14x8x10	12x7x6	17x10x11		22x16x18
Weightlb.	9	40	16	55	50	75

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

In ratings above 5,000 volts, the construction shown here is used. The cabinet is larger, and the voltmeter is recessed behind a safety shield of clear plastic. Zero-start interlock voltage control is standard on these higher voltage units and clip-on test leads are supplied instead of test prods.



SLAUGHTER COMPANY

ARDMORE, OKLAHOMA

PRICES AND ORDERING INFORMATION

PREFERRED UNITS

SERIES 106 AC HIGH VOLTAGE BREAKDOWN TESTERS

STK. #BT-11 MODEL 106-2.5, 400/2500 VOLTS — 50 VA (FSN 6625-801-3863).....	\$172.50
STK. #BT-12 MODEL 106-2.5W, 400/2500 VOLTS — 50 VA WITH LOCKOUT FEATURE.....	\$232.50
STK. #BT-14 MODEL 106-2.5UW, 400/2500 VOLTS — 500 VA WITH LOCKOUT FEATURE.....	\$345.00

STK. #BT-21 MODEL 106-5.0, 500/5000 VOLTS — 50 VA.....	\$220.00
STK. #BT-22 MODEL 106-5.0W, 500/5000 VOLTS — 50 VA WITH LOCKOUT FEATURE.....	\$265.00
STK. #BT-24 MODEL 106-5.0UW, 500/5000 VOLTS — 500 VA WITH LOCKOUT FEATURE.....	\$485.00

STK. #BT-31 MODEL 106-10.0DW, 1000/10,000 VOLTS — 50 VA WITH ZERO START INTERLOCK, WITH LOCKOUT FEATURE	\$750.00
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STK. #BT-32 MODEL 106-10.0DUW, 1000/10,000 VOLTS — 500 VA WITH ZERO START INTERLOCK, WITH LOCKOUT FEATURE	\$825.00
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SERIES 108 DC HIGH VOLTAGE BREAKDOWN TESTERS

Series 108 units are companion units to the AC Series 106. They provide DC output and are available in the same voltage rating as the Series 106. Cabinet sizes and weights are the same as the 50 VA series 106. Maximum short circuit current of DC units is less than 10 milliamperes, and all DC units are adjusted to reject on a load current of 1.0 to 1.5 milliamperes.

STK. #BT-51 MODEL 108-2.5 — 0/2500 DC VARIABLE TEST VOLTAGE.....	\$ 225.00
STK. #BT-52 MODEL 108-5.0 — 0/5000 DC VARIABLE TEST VOLTAGE.....	\$ 325.00
STK. #BT-53 MODEL 108-10D — 0/10,000 DC VARIABLE TEST VOLTAGE, ZERO START INTERLOCK	\$ 795.00

MODIFICATIONS AND OPTIONS

SENSITIVE LEAKAGE DETECTION—This Option "M" is available on 50 VA units only. It is incompatible with 500 VA rated units. It increases the sensitivity of the standard rejection circuits so that the unit will trip on a leakage current limit, as well as on a complete breakdown. Trip point is internally adjustable between 500 and 5000 micro-amperes, as desired. Standard factory adjustment is for a 500-micro-ampere trip point.

Additional cost for Option "M" \$85.00

ZERO START INTERLOCK—This feature, Option "D", provides circuitry requiring the operator to always return the voltage control to zero before starting the test. This is standard on 10,000-volt units. It is available on order on all other ratings of units. Testers supplied with this option are equipped with clip-on leads instead of test prods.

Additional cost for Option "D"..... \$65.00

AUTOMATIC DWELL TIMING—This modification automatically controls the duration of time that the test voltage is applied. Testers supplied with this option are equipped with clip-on leads instead of test prods. Specify Option "A" if a timing period of between .1 and 6 seconds is required, Option "B" if the period is between 3 seconds and 3 minutes. Timing may be easily preset to any period within these ranges.

Additional cost for Option "A" or "B" \$150.00

RACK AND PANEL MOUNTING—Specify Option "C" for this type of construction. DC and 50 VA AC units in ratings through 5000 volts are supplied on standard 5¼" x 19" panel and extend approximately 10" deep. AC 500 VA units are supplied on 10½" x 19" panels and extend approximately 10" deep. AC 50 VA 10,000-volt units are supplied on standard 10½" x 19" panels and extend approximately 12" deep. AC 500 VA units in 10,000-volts ratings are supplied on 14¼" x 19" panels and extend approximately 16" deep. Protective covers are provided to fully enclose the unit behind the panel. Some option combinations require an increase in panel size.

Additional cost for Option "C"..... \$27.50

For complete Model number, add the suffix letter corresponding to each optional feature to the basic number of the Model selected. For total price, add cost of each option to cost of basic

model. For example: Model 106-2.5 BC is a 2500 volt unit, with 6 sec. to 3 minute automatic dwell timing, in rack and panel mounting. Price is $172.50 + 150.00 + 27.50 = \350.00 .

Prices listed on this bulletin were correct on publication date, and are subject to change.

Current price quotation will be forwarded on request.

SLAUGHTER COMPANY

ARDMORE, OKLAHOMA

• MANUFACTURERS OF TEST EQUIPMENT FOR PRODUCTION-LINE USE •

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