

FIG. 1



ENGLISH

1. Test Leads
2. Test Lead Holders
3. Voltage Indicators
4. Pocket Clip

NOTE: *There are no user-serviceable parts inside tester.*

ESPAÑOL

1. Cables de prueba
2. Soportes para cables de prueba
3. Indicadores de voltaje
4. Clip de bolsillo

NOTA: *el probador no contiene en su interior piezas que el usuario pueda reparar.*

FRANÇAIS

1. Fils de test
2. Porte-fils de test
3. Indicateurs de tension
4. Agrafe pour poche

REMARQUE: *Ce testeur ne contient aucune pièce réparable par l'utilisateur.*

Test Equipment Depot

 1-800-517-8431

99 Washington Street
 Melrose, MA 02176
 Phone 781-665-1400
 Toll Free 1-800-517-8431

Visit us at www.TestEquipmentDepot.com

Measurement / Medición / Mesure

AC Voltage / Voltaje CA / Tension c.a. 240V

DC Voltage / Voltaje CD / Tension c.c. 330V

Battery-Free Operation / Operación sin pilas /
 Fonctionnement sans pile

Durability / Durabilidad / Durabilité

Ingress Protection / Protección contra el ingreso de
 objetos sólidos y líquidos / Protection contre les infiltrations IP44

Drop Protection / Protección ante caídas /
 Protection contre les chutes 9.8 ft.
 (3 m)

Safety Rating / Clasificación de seguridad /
 Cote de sécurité CAT III
 350V

Symbols on tester / Símbolos del probador / Symboles sur le testeur

Warning – Risk of electric shock / Advertencia: riesgo de choque eléctrico /
 Avertissement – Risque d'électrocution

Risk of danger. **Important information:** It is important that users of this tester read, understand, and follow all warnings, cautions, safety information, and instructions in this manual before operating or servicing this tester. Failure to follow instructions could result in death or serious injury.

Riesgo de peligro. **Información importante:** Es importante que el usuario de este probador lea, comprenda y respete todas las advertencias, precauciones, instrucciones e información de seguridad incluidas en este manual, antes de poner en funcionamiento el probador o de realizarle servicios de mantenimiento. No seguir estas instrucciones puede dar lugar a lesiones graves o mortales.

Risque de danger. **Information importante :** Il est important que les utilisateurs de ce testeur lisent, comprennent et suivent tous les avertissements, mises en garde, information de sécurité et instructions donnés dans le présent guide avant de faire fonctionner ou de réparer ce testeur. Le non-respect pourrait entraîner des blessures graves, voire la mort.

Read instructions / Lea las instrucciones / Lire les instructions

Double insulated / Doble aislamiento / Double isolation

AC Voltage / Voltaje CA / Tension c.a.

DC Voltage / Voltaje CD / Tension c.c.

COM Negative Lead Input / Entrada de conductor negativo / Entrée négative pour fil

+ Positive Lead Input / Entrada de conductor positivo / Entrée positive pour fil

GENERAL SPECIFICATIONS

- **Operating Altitude:** Up to 6562 ft. (2000 m)
- **Relative Humidity:** <85% non-condensing
- **Operating Temperature:** 5° to 113°F (-15° to 45°C)
- **Storage Temperature:** -4° to 140°F (-20° to 60°C)
- **Dimensions:** 4.45" x 1.19" x 1.05" (113 x 30 x 27 mm)
- **Weight:** 1.8 oz. (52 g)
- **Calibration:** Accurate for one year
- **Standards:** EN61326-1:2013, EN61326-2:2013, EN61010-1:2010, EN61010-2-030:2010, EN61010-031:2015



Conforms to UL STD. 61010-1, 61010-2-030 and 61010-031.
 Certified to CSA STD. C22 2 NO. 61010-1, 61010-2-030 and 61010-031.

- **Pollution degree:** 2
- **Drop Protection:** 9.8 ft. (3 m)
- **Ingress Protection:** IP44
 - **Safety Rating:** CAT III 350V, Class 2, double insulation

CAT III: Measurement category III is applicable to test and measuring circuits connected to the distribution part of the building's low-voltage MAINS installation.

- **Electromagnetic Environment:** This equipment meets requirements for use in basic and controlled electromagnetic environments like residential properties, business premises, and light-industrial locations.

Specifications subject to change.

ELECTRICAL SPECIFICATIONS

- **Voltage Level Indicators:**
 - **AC:** 24V, 48V, 120V, 240V
 - **DC:** 32V, 64V, 160V, 330V
- **AC Frequency:** 50Hz / 60Hz
- **Maximum Measurable Voltage:** 240V AC / 330V DC (displayed by indicator lights)
- **Loop Current:** <4.5mA at 240V AC / 330V DC
- **Accuracy:** Voltage level indicators typically illuminate at >90% of the indicated range (except for 24V AC / 32V DC, >95% of range)

Specifications subject to change.

⚠ WARNINGS

To ensure safe operation and service of the tester, follow these instructions. Failure to observe these warnings can result in severe injury or death.

- Before each use verify tester operation by measuring a known voltage.
- Never use the tester on a circuit with voltages that exceed the category based rating of this tester.
- Do not use the tester during electrical storms or in wet weather.
- Do not use the tester or test leads if they appear to be damaged.
- Keep fingers behind the finger guards and away from the metal probe contacts when making measurements.
- Use caution when working with voltages above 25V AC RMS or 60V DC. Such voltages pose a shock hazard.
- Always adhere to local and national safety codes. Use personal protective equipment to prevent shock and arc blast injury where hazardous live conductors are exposed.
- Tester is IP44 dust & water resistant. Following any contact with water, thoroughly dry tester prior to subsequent use.

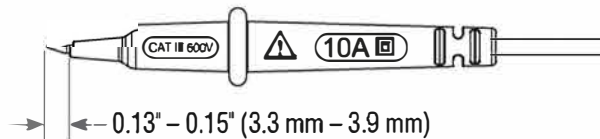
⚠ CAUTION

- **DO NOT** attempt to repair this tester. It contains no serviceable parts.
- **DO NOT** expose tester to extremes in temperature or high humidity.

OPERATING INSTRUCTIONS

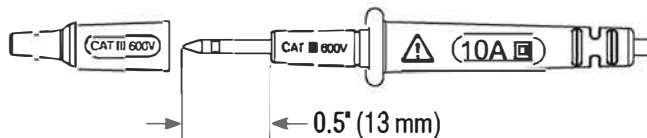
TESTING IN CAT III / CAT IV MEASUREMENT LOCATIONS

Ensure the test lead shield is pressed firmly in place. Failure to use the CAT III / CAT IV shield increases arc-flash risk.



TESTING IN CAT II MEASUREMENT LOCATIONS

CAT III / CAT IV shields may be removed for CAT II locations. This will allow testing on recessed conductors such as standard wall outlets. Take care not to lose the shields.



OPERATING INSTRUCTIONS

Apply test leads ① to the system under test to measure AC or DC voltage; the voltage level indicators ③ will light up indicating the magnitude of the voltage present.

NOTE: Test-leads seated in the lead holders ② on the back of the unit are spaced correctly to test tamper-resistant US-style outlets.

⚠ DO NOT attempt to measure voltages in excess of 240V AC or 330V DC. Voltages in excess of 240V AC or 330V DC will illuminate the 240V AC / 330V DC indicator. No other warnings will be delivered for voltages above 240V AC or 330V DC.

CLEANING

Wipe with a clean, dry lint-free cloth. **Do not use abrasive cleaners or solvents.**

STORAGE

Do not expose to high temperatures or humidity. After a period of storage in extreme conditions exceeding the limits mentioned in the General Specifications section, allow the tester to return to normal operating conditions before using.

DISPOSAL / RECYCLE



Do not place equipment and its accessories in the trash. Items must be properly disposed of in accordance with local regulations. Please see www.epa.gov or www.erecycle.org for additional information.