



Knopp

Reliable Results. Every Meter. Every Time.

Product Information Sheet



925 Canal Street, Bristol, PA 19007

• 215.228.0500

• tescometering.com

Safety Testing

Catalog No.

K-60

Voltage Tester

GENERAL DESCRIPTION

Knopp Voltage Testers offer portability and ease of use with full protection. These exceptionally versatile and useful tools are backed by a reputation for quality in the design and manufacture of electrical test equipment.

SAFE AND DEPENDABLE

Knopp Voltage Testers are designed and build with safety, the key criteria! Dual voltage indication is provided by solenoid and neon lamp, operating independently. The lamp gives a bright warning signal. Voltages are shown by a positive, easy-to-read, moving indicator. There is a signal by hum and vibration; and the user is protected by high-grade, properly applied insulation, and by separation of incoming leads (they do not cross over each other within the housing). Interior separation of the circuit is a basic design feature of the case. Nylon insulation covers prod tips to within 9/16" of end to prevent shorts across tips. The K-60 has no exposed metal parts. The scale and plate are both of insulating material.

DURABLE

The rugged Cylolac housing and sturdy internal chassis of Polysulfone— each of one-piece construction – are securely interlocked and designed for durability and hard use. All electrical connections are soldered.

SPECIFICATIONS

Fused leads are available at an additional cost.



Voltage Measurements: Operating on the solenoid principle, these dependable Knopp Voltage Testers tell whether the circuit is opened or closed, indicate the nominal AC circuit voltages of 120, 240, 480, and 600, and the nominal DC circuit voltages of 120, 240, and 600, whether the voltage is 25 or 60 Hz.

Polarity Determination: The polarity of DC circuits can be quickly and positively determined with the neon-light polarity indicator featured in the Knopp K-60 model.

A-C, Pure DC, and Rectifier DC Identification: Vibration and humming of the testers indicate that the circuit is AC or unfiltered rectified DC, since there is no hum or vibration with pure DC. Rectifier DC (pulsating DC) can be easily distinguished from AC with the aid of the neon lamp in the tester.



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Compactness and Ease-of-Handling: The Knopp Voltage Tester features its exclusive, cylindrical SLIM-GRIP design that fits securely and comfortably in your hand, and in addition, the K-60 provides the alternative “pistol grip” for reaching into deep and tight test places. The housing diameter is less than an inch and a quarter (1.25”). When the prods are stored, the K-60 is exceptionally compact and is easily carried in the pocket or pouch. And the unique dual-mounting system makes possible single-hand testing.

Stainless Steel Prods / Flat-Tip Design: Prods are made from hard stainless steel, which will not rust and which resists wear and bending; the ends of the prods are especially flattened to facilitate using the prods in narrow openings (such as small convenience outlets).

Prod Insulation: Sturdy, 4” long laminated phenolic prod handles provide tough, moisture and oil-resistant non-warpage insulation. The stainless steel tips are nylon-insulated to within

9/16” of the point for additional protection. Thus, the operator has the protection of more than 5” of insulation, and there is almost no chance of causing shorts between prods.

QUALITY DESIGNED AND QUALITY BUILT

Knopp products are backed by more than 70 years of experience in the design and manufacture of electrical test equipment. Knopp, Inc., pioneered numerous major improvements in voltage test devices, including dual voltage indication, polarity indication, strain relief lead anchorage in both case and prod handles, the use of stainless steel for prod tips, and the prod mount. Knopp quality and dependability are bywords in the industry and are your assurance the Knopp Voltage Testers are the best ever built, incorporating every possible advance in design and quality construction.



ABOUT TESCO

Since 1904, TESCO has been the trusted partner of electric utilities worldwide, delivering durable, precise, and innovative metering solutions designed for the real-world demands of the field and the laboratory. Our products are engineered and manufactured in the USA and backed by world-class technical expertise and support.

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DISCLAIMER

TESCO Metering reserves the right to modify product designs, specifications, features, and documentation at any time as part of our continuous improvement process. All information is provided “as is” and may change without prior notice. While TESCO® strives for accuracy, completeness, and technical reliability, customers should verify the latest product details before making purchasing or engineering decisions. For confirmation of current specifications or application suitability, please contact TESCO® directly.