

Knopp

Voltage Testers



FOR AC AND DC
120 TO 600 VOLTS

CAT III RATED
UL 61010-1

MODEL K-60 KNOPP

VOLTAGE TESTER for AC and DC with polarity indicator. Double safety indication is by solenoid and by neon lamp. **NO-BULK** prod storage and **SLIM-GRIP** case design are major features of this Knopp Model K-60.

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.

FEATURES

SAFE AND DEPENDABLE: Knopp Voltage Testers are designed and built 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 Cyclac 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.

U.S. MADE: The K-60 is manufactured entirely in the United States.

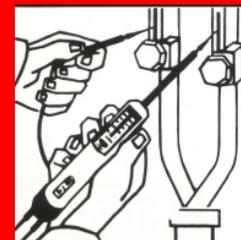


NO-BULK PROD STORAGE

The Model K-60 features a **NO-BULK** prod storage. Prods are stored as a pair on the back of the case with tips covered. Storage is quick and easy. Prods snap onto the back of the case as a pair in a single step.

IN-LINE PROD MOUNT

To make testing in difficult and tight places easy, the Knopp K-60 features an **IN-LINE** mount - a straight extension of the instrument giving sure aim and probing action. In addition, the K-60 has a dual mounting system to allow one-hand testing of side-by-side circuits such as convenience outlets.



SPECIFICATIONS

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.

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. 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-inch-long laminated phenolic prod handles provide tough, moisture and oil-resistant non-warping insulation. The stainless steel tips are nylon-insulated to within 9/16 inch of the point for additional protection. Thus the operator has the protection of more than 5 inches of insulation, and there is almost no chance of causing shorts between prods.

QUALITY DESIGNED ... QUALITY BUILT

Knopp products are backed by more than 70 years 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.

SPECIFICATIONS										
Cat. No.	Model	Voltage Scales	Polarity Indication	Dual Voltage Indication	Prod Storage	Approx. Dimensions			Approx. Weight	
						Diam.	Case Length	Lead Length	Net	Ship
14460	K-60	AC 120, 240, 480, 600 DC 120, 240, 600	Yes	Yes	Yes	1 3/16"	6 3/8"	26"	9 oz.	13-14 oz.
14480	Cordura Carrying Case									
14475	Lead Assembly Set consisting of pair of leads with handles and prod tips (one red and one black) plus two lead anchors for securing leads in tester case.									

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