



Features:

- Sealed by "O" rings
- 10 voltage settings : 230V, 3kV, 6kV, 10kV, 35kV, 66kV, 110kV, 220kV, 330kV, and 500kV/AC
- High bright LEDs visual indication
- Sound indication
- Easy-to-prove method
- Self-test selection
- Use 3 x 1.5V "C" batteries IEC LR14
- High impact nylon casing
- Non-contact work by proximity
- Compatible with most link sticks
- Light weight, robust, & compact
- Suitable for indoor and outdoor use
- Detect low voltage on any systems
- Easy access to batteries
- No special parts needed
- Simple and efficient to use
- Meets EN61326-1 EN55011
EN61000-4-2 EN61000-4-3

Typical Uses:

- Identify and check live cables
- Check and detect live high voltage cables (using extension hot stick)
- Find fault in flexible cables
- Check earth equipment
- Service neon lighting
- Trace live wires
- Check high frequency radiation
- Detect residual or induced voltages

The 9500KB is a high voltage proximity detector. It has ten voltage detection settings from 230Vac to 500kVac. The 9500KB consists of an internal pickup sensor plate, a sensitivity selector, a visual and a sound annunciator. With the 9500KB, physical contact with electrical conductors is not necessary when testing for live lines. This tester works by proximity.

Its sensor senses the radiated field which surrounds live conductors. Radiated field strength increases with voltage and decreases quickly with distance or earth shielding. The radiated field from a cable of closely bunched conductors supplied by three phase power tends to cancel (See "Limitations of use" paragraph).

Detecting distance of a 230Vac single live wire is approximately 10cm. With a bunched neutral and earth cable, as in a flexible cable, the distance is reduced to 5cm.

Some of the typical uses are : identify and check live cables ; find fault in flexible cables ; check earth equipment ; service neon lightning ; trace live wires ; check high frequency radiation ; detect residual or induced voltages. For example, faults in damaged flexible cables are found by applying low voltage to each conductor. Earthing the remainder and moving the tester along the cable until the change in condition is obtained. (Flexible cables which are used in mining and building industries, are readily repairable when the break in the cable is located.)

When testing for high voltage, the rotary switch (attenuator) is used to identify and differentiate various HV live cables. The tester must be used in conjunction with a long and insulation rod when measuring high voltage (kV). However, the 9500KB is a noncontact tester and it is advised that the tester should never come into contact with cables (kV) as this tester is merely a non-contact AC proximity tester.

Checking or proofing the tester is easy. Switch the sensitivity to 230V and place the dome against a low voltage live conductor or rub the dome with a cloth or against an item of clothing as this generates a static DC which triggers the detection of circuit. The light and beeper should go "on" as if a live wire is being.

Technical Data:

Alarm Indication	High bright LEDs visual indication and Sound indication
Voltage Range	230V-500KV AC
Operating Temperature	- 15°C to + 55°C
Storage Temperature	- 20°C to + 65°C
Humidity	80% RH@40°C
Power supply	3 x 1.5 V, IEC LR14
Case Dimensions	380 x 280 x 120 mm
Case Weight	1.8kg
Safety Standard	EN 61326-1/CISPR II/EN 61000-4-2/EN61000-4-3

Scope of Supply:

- 1 pc HI-PROX 9500KB
- 3 pc Battery 1.5 V IEC LR14
- 1 pc Carrying Case
- 1 pc Instruction Manual

Option Order:

- 1 pc hot stick 9660B-A(1.2m)
- 1 set Hot sticks kit 9660B(6.6m)
- 1 set Hot sticks kit 9770B