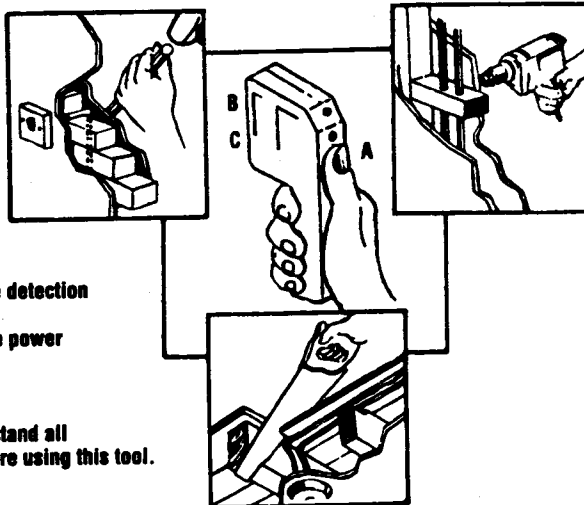


Metal/Power Sensor

**DETECTS UNSEEN HAZARDS IN WALLS, FLOORS AND CEILINGS.
DO IT YOURSELF WITH SAFETY AND CONFIDENCE.**

The Pyramid Metal/Power Sensor is designed to operate in two modes. The Metal Sensor feature locates metal wiring, metal gas and water pipes, nails, screws and metal studs in walls, floors and ceilings. Use this prior to drilling or sawing.



SPECIAL FEATURES INCLUDE:

- a dual-purpose control which alters the detection range for greater accuracy
- the facility to differentiate between live power cables and other metal objects
- audio/visual indicator system
- battery indicator light

Read completely and be sure you understand all instructions, cautions and warnings before using this tool.

WARNINGS:

Direct contact with live uninsulated wire can cause electrical shock, serious injury or death. Before using the Power Sensor capability of this tool, test it on an outlet or wire that is known to be live.

Before use, install the 9 volt battery in the slide out battery compartment. Rotate the ON switch until the buzzer sounds and the green and red lamps light. If the lamps fail to light or the lamps or buzzer are faint, replace the battery.

METAL SENSOR FEATURE

Remove all metal objects (including watches, rings, etc.) from vicinity of the Sensor. Switch on by rotating the sensitivity wheel (A). Continue to rotate wheel until red lamp lights and buzzer sounds. Once the lamp lights and buzzer sounds, rotate wheel in opposite direction just until the buzzer stops and the red lamp is not lit. Check that the tool is properly calibrated by placing a metal object in front of the housing marked Metal Sensor (B). If the buzzer sounds, you're ready to find hidden metal. Hold Metal Sensor section close to the surface to be scanned. Slowly sweep the area. Red lamp will light and buzzer will sound when a metal object is in the detection range. After detecting metal, pinpoint location by rotating sensitivity wheel up towards off (reducing sensitivity).

POWER SENSOR FEATURE

Important: Always pre-test on a power source you know to be live. To test the unit, turn it on by rotating the wheel. If green lamp is faint, battery should be replaced. Switch on by rotating sensitivity wheel, hold section marked Power Sensor (C) section close to the AC power source (about 1/4"), the red detector light will flash and the audio signal will chirp intermittently when AC power is in the detection range.

To Find Breaks in Wires and Cables: Make sure the wire or cable is connected to a "live" power source. Place the Power Sensor directly against the insulation of the wire under examination starting at the power source. The red detector light will flash and the audio signal will chirp intermittently. Slowly run the sensor along the length of the cord. The light will turn off and the buzzer will stop if a break is detected. Depths of detection will depend on the type of metal and size of the object. Larger objects will be detected to a greater depth.

The Pyramid Metal/Power Sensor will not detect plastic pipes and is **not** suitable for use on walls and ceilings insulated with foil or impregnated with metallized fire proofing.

The Detector is designed for use as a safety device only, to warn of potential dangers before drilling, sawing, etc., and cannot guarantee protection from accidents.

ALWAYS SWITCH OFF AFTER USE. REQUIRES A 9 VOLT BATTERY.

MODEL NO. PY-9

QTY 1

PYRAMID
by **AMPROBE**



PY-9

Continuity Tester

WARNING
Switch all power OFF
before using.
DO NOT USE
ON LIVE CIRCUITS!

■ **FUSE TEST**

Remove fuse from circuit, touch clip to one end of fuse and probe to the other fuse end. Tester will light if fuse is good. Do not use on fuses rated 300 mA or lower.

■ **SHORT TEST FOR APPLIANCES**

Attach clip to metal case of equipment, touch probe to suspected wiring. If light glows, wire is grounded and should be repaired.

■ **CIRCUIT TEST**

Light will glow whenever continuous circuit exists.

■ **ALTERNATOR TEST**

Check for open windings (no light glow) and grounded coils (light glows when attached from case coil).

■ **DIODE TEST**

Diodes should pass current in only one direction. Check by first using clip on case and probe at diode end, then reverse clip and probe. Light should glow only in one direction.

MODEL NO.

PY-11

ADVERTENCIA
ANTES DE USAR DESCONECTE TODA LA
ENERGÍA ELÉCTRICA
¡NO USAR EN CIRCUITOS CON CORRIENTE
ELÉCTRICA!

■ **PRUEBA DE FUSIBLE**

Quite el fusible del circuito, toque con la abrazadera uno de los extremos del fusible y con la sonda el otro extremo del fusible, el probador se iluminará si el fusible está bien. No usar en fusibles clasificados a 300 mA o más bajos.

■ **PRUEBA DE CORTO CIRCUITO PARA APARATOS ELÉCTRICOS**

Fije la abrazadera en la caja metálica del equipo, toque con la sonda el cable que se sospecha está defectuoso. Si la lámpara se enciende, el cable tiene conexión a tierra y debe ser reparado.

■ **PRUEBA DE CIRCUITO**

La lámpara se encenderá siempre que exista un circuito continuo.

■ **PRUEBA DE ALTERNADOR**

Revise para detectar la presencia de devanados abiertos (ninguna lámpara se enciende) y bobinas con conexión a tierra (la lámpara se enciende cuando se fija desde la caja de la bobina).

■ **PRUEBA DE DIODO**

Los diodos deben permitir el paso de la corriente en una sola dirección. Haga la comprobación utilizando primero la fijación de la abrazadera en la caja y la sonda en el extremo del diodo, a continuación invierta la abrazadera y la sonda. La lámpara debe encenderse en una sola dirección.

MODELO #

PY-11

QTY 1



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PY-11

Made in Taiwan
Fabricado en Taiwan