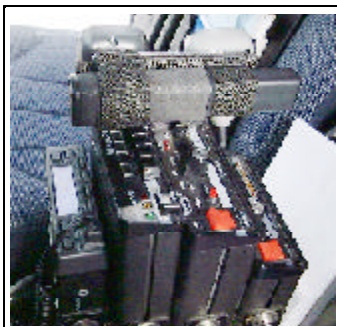


# METAL-TEC<sub>7</sub> 1400

The original *Silent Vibrating* Metal / Weapons Detector Designed For Law Enforcement



*Silently Alerts The Officer To Weapons, Razor Blades, Handcuff Keys, And Drugs In Metal Foil, Inches Away Giving The Officer A Tactical Advantage During Searches And Pat Downs Of Suspects.*



METAL-TEC includes a heavy duty Nylon belt holster with a vehicle mounting kit allowing the METAL-TEC to be Velcro<sub>7</sub> mounted to the prisoner cage, organizer, radio console, or door panel inside the patrol vehicle for easy access and convenience. METAL-TEC can be detached from the vehicle and easily carried on the duty belt.

- Water Resistant Housing Made of High Impact ABS Plastic can withstand 6,800 Pounds Per Square Inch
- Detects All Metals
- Non-slip Vinyl Rubber Grip
- Simple Operation, No Adjustment Needed, Push On/Off Button Concealed In The Grip
- Approximately 2,000 Searches with One 9 Volt Alkaline Battery (Included)
- Includes Heavy Duty Black Nylon Belt Holster and Vehicle Mounting Kit
- Engineered & Assembled in the USA and includes a Three Year Manufactures Warranty (USA only)
- FCC Approved / Protected by US Patents No. 5,959,451 & Design Patent No. D410,399
- METAL-TEC<sub>7</sub> is a Registered Trademark of Torfino Enterprises, Inc.



**Helps Reduce Contact When A Male Officer Is Searching A Female Suspect**

**METAL-TEC's Compact Size Is Shown Here Next To A Collapsed Expandable Baton**  
(METAL-TEC is only 7.9" long and weighs 8.8 ounces)



**Density Discrimination:** The *METAL-TEC* can help you determine the threat level of the metal/weapon being detected based upon the objects size. The distance at which the *METAL-TEC* detects an object can help the officer determine the object's size. Larger objects such as handguns can be detected approximately 3 to 4 inches away. Smaller objects such as razor blades can be detected approximately 1 to 2 inches away, and metal foil (which may contain drugs) can be detected approximately 1/8 inch to 1 inch away based on the size or amount of foil.

**Vibration Signature:** The *METAL-TEC* can determine the approximate physical shape (length and width) of a metal/weapon being detected. After detecting a metal/weapon take the *METAL-TEC* and turn it on end, pointing it toward the object. Now move the *METAL-TEC* up and down (vertically) and side to side (horizontally) over the object being detected. By observing where the vibration starts and stops while moving the unit over the object you can determine its approximate length and width.

## Specifications:

**Detection:** Triaxial Detection field, uniformly detects ferrous & nonferrous metals inches away, in all directions regardless of the position relative to the subject

**Dimensions:** L = 7.9" (20.0 cm) W = 1.75" (4.5 cm) H = 1.30" (3.3 cm)

**Weight:** 8.8 ounces (249.4 grams)

**Sensitivity control:** Factory set and calibrated

**Indicators:** Silent Vibration

**Controls:** Single control (Power On / Off)

**Battery:** Standard 9 Volt Alkaline (provides 2,000 average 15 second searches)

**Operating Temperatures:** - 15 F (- 26 C) to + 130 F (+ 54 C)

**Humidity:** 98% Non condensing

**Case Material:** High Impact ABS plastic with a tensile strength: 6,800 p.s.i. (ASTM D 638)

**Operating Frequency:** 360 kHz

**Regulatory Standards:** FCC Part 15 (ID# NJ21200METAL-TEC),  
meets OSHA CFR-1910.97a2i, IEEE C95.1 - 1992

**CE** meets Standards: EN 50082-1:1997 harmonized  
& EN 50081-2:1993 harmonized

\* Specifications subject to change without notice!



The *METAL-TEC* was designed to be used as an enhancement of the hand during searches, it can assist in locating with pinpoint accuracy, metal objects which may have been otherwise overlooked. The *METAL-TEC* requires only one hand for operation leaving the other hand available for more important tasks. *METAL-TEC* can be held between the fore finger and the thumb freeing up the other fingers so they can be used during a search or frisking of the suspect. The *METAL-TEC* can find a metal object, and pinpoint its location without the need for a constant sweeping motion. There is no adjustment necessary on the unit, sensitivity is factory preset and automatically compensates for temperature changes which may affect sensitivity.

Another feature of the *METAL-TEC* allows the 9 volt battery to be inserted in either direction (non polarity sensitive) making battery replacement in the field easy and uncomplicated. *METAL-TEC* also includes a low battery indicator which was designed to notify the user that the battery has been depleted to a level which no longer meets operating specifications. The low battery indicator causes the unit to constantly vibrate as soon as the power is turned on, which notifies the user to replace the battery. This feature removes the possibility of the unit being used with a weak battery which may give incorrect detection results. The heavy duty Nylon holster contains a metal snap, to allow easy removal of the holster from the duty belt. The snap also serves as a test feature to indicate proper operation of the *METAL-TEC* when removed from the holster, if it continues to vibrate, this indicates a low battery condition. If the unit is left on when it is returned to the holster, *METAL-TEC* will start to vibrate in the holster to remind you to turn it off.

The *METAL-TEC* includes a heavy duty Nylon holster and vehicle mounting kit. Using the self adhesive Velcro<sup>®</sup> mounting kit, allows the *METAL-TEC* to be mounted to the prisoner cage, door panel, windows, organizers, radio console, or any smooth surface in the vehicle. This allows the officer to switch between carrying it on the belt or vehicle mounting for easy access.

Distributed by:

Manufactured by:

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