

# METAL-TEC® HS-1500

**Tactical Silent Vibrating Metal / Weapons Detector For Law Enforcement, Military and High Security Applications.**

*The METAL-TEC HS-1500 was designed to meet the requirements of the US Military for High Security applications in the harshest environments. The HS-1500's High Sensitivity can detect metal / weapons ranging from small metal objects with very little metal mass such as Razor Blades, Handcuff Keys, Micro SD and SIM memory cards, to larger metal weapons such as knives and handguns. The HS-1500's tactile vibration gives the user a Tactical Advantage during searches by silently identifying the size, shape, location and threat level of a possible hidden metal weapon without alerting the subject.*



**Currently being used by the US & International Military Agencies, Homeland Security, State / Local & Federal Law Enforcement Agencies, Prisons, Jails, Correctional Facilities, Schools, Hospitals, etc...**

- METAL-TEC is made of extremely durable High Impact ABS Plastic which resists water, dirt, shock and vibration
- Detects All Metals (both ferrous & nonferrous)
- Non-slip Vinyl Rubber Grip
- Simple Operation, No Adjustment Needed, Push On/Off Button Concealed In The Grip
- Approximately 2,000 Searches with One Disposable 9 Volt Alkaline Battery
- Includes: Heavy Duty Black Polypropylene Belt Holster, Vehicle / Wall Mounting Kit, one disposable 9V Alkaline Battery and Instruction Manual
- Engineered & Assembled in the USA and includes a Three Year Manufactures Warranty
- FCC & CE Approved / Protected by US Patents No. 5,959,451 & Design Patent No. D410,399
- METAL-TEC® is a Registered Trademark of Torfino Enterprises, Inc.



Manufactured & Distributed by:



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## METAL-TEC's Advance Capabilities make it far superior to other handheld metal detectors!

**Density Discrimination:** This feature helps the user determine the possible threat level of the metal object being detected. The METAL-TEC correlates the detection distance based upon the amount of metal mass contained in the object. Larger objects such as guns have a larger metal mass and will be detected at a greater distance than smaller objects such as a Micro SD and SIM cards. This ability helps the user identify a possible threat based on the detection distance.

**Vibration Signature:** This feature helps the user determine the approximate physical shape of a possible hidden metal weapon being detected. After detecting metal on a subject take the METAL-TEC and turn it on end, pointing it toward the area in question, then move the METAL-TEC up and down (vertically) and side to side (horizontally) over the area. By observing where the vibration starts and stops while moving the METAL-TEC over the area, the user can determine the approximate shape and size of the hidden metal object.

### Specifications:

**Detection:** 360° detection field. Uniformly detects both ferrous & nonferrous metals, in all directions regardless of how the METAL-TEC is held in relationship 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)

**Water Resistant:** to 1atm (33 feet) "Also resistant to dust, dirt and foreign materials"

**Battery:** Standard 9 Volt Alkaline "Allows for 24x7 operation with a simple battery change"

**Operating Temperatures:** 15° F (- 9° C) to + 120° F (+ 49° C)

**Humidity:** 98% Non condensing

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

**Operating Frequency:** 360 kHz

**Regulatory Standards:** FCC Part 15 (ID# NJ21200METAL-TEC),

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



**WARNING:** This product may contain chemicals, including nickel, known to the State of California to cause cancer, birth defects or other reproductive harm.  
For more information: [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)



### Features:

METAL-TEC's Advanced Capabilities plus it's 360° field of detection can assist the user in locating, with pinpoint accuracy, metal objects which may have been otherwise overlooked. The METAL-TEC requires only one hand for operation, it can be held between the fore finger and the thumb freeing up the rest of the hand during a search or frisking of a subject. The METAL-TEC can detect a metal object, and pinpoint it's location without the need for a constant sweeping motion. There is no adjustment necessary, sensitivity is factory preset and automatically compensates for temperature changes which may affect sensitivity.

Another feature of the METAL-TEC allows the disposable battery to be inserted in either direction (non polarity sensitive) making battery replacement in the field easy and uncomplicated. METAL-TEC incorporates a low battery indicator which is 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 METAL-TEC to constantly vibrate as soon as the power is turned on, which notifies the user to replace the battery. This feature helps remove the possibility of the METAL-TEC being used with a weak battery which may give incorrect detection results. The METAL-TEC's included Heavy Duty Polypropylene Holster contains a metal snap to allow easy removal of the holster from a duty belt. The metal snap also helps the user to test the proper operation of the METAL-TEC before and after a search.

A self-adhesive Velcro mounting kit, which is also included, allows the METAL-TEC's belt holster to be mounted to a vehicle's prisoner cage, door panel, organizer, radio console, or any smooth surface within a vehicle or building. This allows the user to either wear the METAL-TEC on a belt or transition it to and from a fixed location for easy access and storage. (see photos above)



**THOMAS JACKS**

Authorised Distributor

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NOTICE: Metal detection is not an exact science and no guarantee has been or can be made as to the results obtained. Specifications subject to change without notice! ©1999 - 2020

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