

METAL-TEC₇ 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 Velcro₇ 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-TEC₇ 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[®] 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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Intense Color Emitter

"For Nighttime Traffic Safety"

ICE LIGHT for maximum visibility at night, Special Operations, and document Authentication



Available in several dual color combinations - for numerous applications - Law Enforcement, EMS, Traffic/Parking Control, Construction/Utility, Marine Patrol, Campers, Hikers, Water Sports, etc.

Can be seen up to a mile away at night. Each model has three user selectable light patterns which include dual color flashing and constant illumination modes.

Other models include; INFRA RED; for signaling & room illumination for S.W.A.T. & C.E.R.T. Teams, and ULTRAVIOLET; for Document Authentication



The **ICE LIGHT** can be **belt worn** when exiting the vehicle at night during traffic stops or accident investigations, used **handheld** to direct traffic in the constant on modes, or **mounted to a traffic cone** for check points, perimeter designations, or traffic direction. Preserve your nighttime vision by using one of the constant on modes for low level illumination of drivers licenses, registration, ticket processing, etc...

- Made of High Impact ABS Plastic (can withstand 6,800 Pounds Per Square Inch)
- Water tight to 30 feet and water buoyant (will float with the lighted side up)
- Lightweight weighs only 6.6 ounces with battery, and is only 7.9 inches long
- Simple Operation, Single Push On/Off Button concealed under the non-slip vinyl rubber grip
- Up to 24 hour operation with One 9 Volt Alkaline Battery (Included)
- Non-slip Vinyl Rubber Grip
- Includes Heavy Duty Black Nylon Belt Holster and Vehicle Mounting Kit
- Two Year Manufacturers Warranty (USA only)
- Complies with FCC part 15 rules, Design Patent No. D410,399, Engineered & Assembled in the USA
- **ICE LIGHT** is a Registered Trademark of Torfino Enterprises, Inc.

Bike Patrol



IR **ICE LIGHT** when used with night vision equipment, in the constant "ON" mode, will illuminate a room for S.W.A.T & S.R.T teams.

Ultraviolet **ICE LIGHT** can be used to authenticate documents such as drivers licenses, passports, currency, credit cards, or any documents which contain florescent inks which are illuminated by an Ultraviolet light source.



The **ICE LIGHT** operates continuously on a standard 9 volt alkaline battery for up to *24 hours and contains 17 SUPER FLUX Light Emitting Diodes "LED's" which have an expected life of more than 100,000 hours. **ICE LIGHT** has three user selectable flashing modes which rotate electronically in a 360° pattern offering maximum visibility. High intensity LED's at the tip can also be used when demanding the attention of individual drivers. The **ICE LIGHT** is housed in a high impact plastic case with a non-slip rubber grip and includes a heavy duty nylon holster and vehicle mounting kit. **ICE LIGHT** is only 7.9 inches long and weighs only 6.6 ounces, it is water resistant and will float in water with the lighted side protruding upward.

Applications: *(consult your local authorities regarding color restrictions)*

RED / BLUE ICE (Model #CL-1201B) - flashes Red & Blue (Restricted to Law Enforcement Personnel Only)

AMBER / BLUE ICE (Model #CL-1203AB) - flashes Amber & Blue (Restricted to Law Enforcement Personnel Only)

BLUE / WHITE ICE (Model #CL-1206BW) - flashes Blue & WHITE (Restricted to Law Enforcement Personnel Only)

Ideal for nighttime traffic stops (officer safety) **y** D.U.I. check points **y** Down traffic signal traffic control **y** Police bike patrol **y** Tactical operations; personnel indicators **y** Special events traffic control & parking **y** School crossing **y** Accident traffic management **y** K-9 harness beacon for nighttime training **y** Dignitary motorcade markers **y** Police motorcycle marker **y** Low level light source, prevent night blindness when viewing license & registration
**(approx. times on a single battery: Based on model; 24 to 16 hrs. in flash mode, 14 to 3 hrs. in various constant "ON" modes.)*

RED / WHITE ICE (Model #CL-1205W) - flashes Red & WHITE

RED / GREEN ICE (Model #CL-1301G) - flashes Red & GREEN

GREEN / WHITE ICE (Model #CL-1302GW) - flashes GREEN & WHITE

y Paramedics, Fire Rescue, stranded motorist or truck driver **y** Safely mark at night: medical air lift landing areas **y** Safety marker to indicate accident locations and traffic redirection **y** Use with optional traffic cone adapter to give high visibility to perimeters around accidents **y** Water Buoyant Beacon **y** Emergency Beacon for; Hunters, Joggers, Hikers, Camping, Marine industry, Skiers, etc....
**(approx. times on a single battery: Based on model; 24 to 16 hrs. in flash mode, 14 to 3 hrs. in various constant "ON" modes.)*

AMBER / WHITE ICE (Model #CL-1207A) - flashes Amber & WHITE

y Truckers checking their Rigs, Tow Truck Personnel, Parcel Delivery Personnel, Roadside Construction Crews, Airport Tarmac Personnel **y** Used for directing traffic; School crossing guards, Construction Sites, down traffic signal **y** Use to indicate down power lines and utility cables or other dangerous conditions **y** When mounted on a traffic cone with optional adapter it can be used to setup a visual perimeter around work crews or vehicles
**(approx. operating time on a single battery: 16 hours in flash mode, 14 hours constant white mode, 2 hours constant amber mode)*

Special INFRA RED version (Model # CL-1209i) For use with night vision equipment. Features: Two operating patterns. Constant "ON" for Swat & SRT teams for room illumination, and flash mode for landing sites or signaling.
**(approx. operating time on a single battery: 4 hours)*

Options: ULTRAVIOLET (- UV) This option can be ordered on any model (except Infrared) and can be used to authenticate documents such as drivers licenses, passports, currency, credit cards, or any documents which contain florescent inks which are illuminated by an Ultraviolet light source. Applications also include theme parks, night clubs, sporting events etc., to verify UV inks used on hand stamps for reentry.

Accessories: TRAFFIC CONE ADAPTER (Model #TE-300C) for attaching the ICE Light to a traffic cone. (See picture below on right)

Each Model Features:

y Alternating high intensity colored LED's in a 360° pattern **y** Three user selectable lighting modes; 1st mode - dual flashing colors; 2nd & 3rd modes: each color is selected individually for "constant on" illumination **y** Length: 7.9 inches long **y** Weight: 6.6 ounces **y** Visual indicator for low battery **y** High impact ABS case sealed with water tight gaskets **y** Includes: Lanyard, Belt Holster, 9V Alkaline Battery and Vehicle Mounting Kit **y** 2 year manufacturers warranty (USA only) **y** Protected by US Design Patent No. D410,399



EMT & Fire Rescue



Parking & traffic



D.U.I. Check points



Roadside hazards



Construction zones



Cone adapter

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Mark helicopter landing sites with the ICE Light