

**Control
Screening**

HANDWAND™ - Models 20 & 21 Handheld Metal Detector



HandWand™ HANDHELD METAL DETECTORS HAVE BEEN DESIGNED TO EXCEED YOUR TOUGHEST APPLICATIONS...

Over 40 years ago, our Federal Labs® division designed and produced the world's first security handheld detector for law enforcement use. With over 50,000 units shipped, Federal Labs® proudly announces its latest handheld series, the **HandWand™**.

The **HandWand's™** sensitivity and volume are easily reset to suit the intended use, whether correctional, airport, courthouse, access control or anti-theft.

Only **HandWands™** vary the tone rate based on the amount of metal present (whether magnetic or nonmagnetic). This feature will clearly enable an operator to differentiate between innocent personal effects or subfloor materials and concealed weapons. Active differentiation works automatically, without "desensitizing" buttons which can cause weapons to be

overlooked.

The **HandWand's™** much greater sensitivity and expanded scanning area enables your screeners to search more thoroughly and efficiently without close personal contact, delay or missing objects. What could be more important?

Uninterrupted movement is no longer required to avoid false negatives: the **HandWand™**, unlike some models, will not temporarily "null out" (switch off alarms) for any weapons.

Federal Lab's® handheld metal detectors are all digital and self-calibrating, needing no dial adjustment at start-up or when scanning at floor level. They detect the complete range of metals and alloys with a clear, crisp response. Metal is clearly indicated by reliable visual LED and audio alarms. **HandWand's™** digital reliability withstands impact, and the most

extreme temperature or humidity conditions and provides for the longest possible life.

Federal Lab's® handheld metal detectors have an extremely lightweight (less than 11 ounces), well-balanced "feel," and a durable molded rubber grip for less fatigue and greater comfort. The large search area and the unique handle design eliminate hand/body contact during screening. The casing is molded from high-impact thermoplastic and carries a lifetime warranty.

Changing the **HandWand™** battery is simple and tool free with its convenient thumbscrews. The **HandWand's™** digital, energy-efficient circuitry provides more than 120 hours of uninterrupted operation.

The Handwand® - Models 20 & 21 Handheld Metal Detector

FEATURES

■ **Circuitry:** Digital for instant start and maximum reliability, operating temperature range and battery life. Digital immunity from outside interference. Will not cause interference.

■ **Activation:** Positive on-off switch for automatic operation.

■ **Search Orientation:** Detection is quick and accurate by moving the HandWand® to pin-point the metallic object's exact location. Continuous movement is not required to detect metal. Alarm distinguishes metal objects from floor rebar metal.

■ **Auto Balance:** Digital, automatic (no dials to adjust), the HandWand® never needs to be adjusted.

■ **Alarm Annunciators:** Visual indication: top mounted red light emitting diode. Audio Alarm: medium or high volume settings; audio jack standard for optional earphone - audio only.

■ **Sensitivity Performance:** Programmable sensitivity to suit operational needs. Internal adjustment for tamper-proof operation.

Model 20 features factory pre-set settings that offer typical detection distances of 4.0" (10 cm) for an F.A.A. OTP (Operational Test Piece) and 6.0" (15.25 cm) for a medium handgun. Other objects are detectable from a distance of up to 12".

Model 21 features increased sensitivity capabilities and a heavier reinforced case. Typical detection distances of 5.75" (14.5 cm) for an F.A.A. OTP (Operational Test

Piece), 8" (20 cm) for a medium handgun and a razor blade from a distance of 3.5" (8.9 cm).

■ **Power:** 9-volt battery. Alkaline battery is supplied.

PHYSICAL SPECIFICATIONS

Length: 17" (43.2 cm)

Width: 3.6" (9.1 cm)

Height: 2.4" (6.1 cm)

Search Coil Length: 8.5" (22 cm)

Width: 3.4" (8.6 cm)

Height: .8" (2.0 cm)

Weight: 11 oz. (312 g)

Broadest Temperature Range:

-20° C to +60° C (-4° F to 140° F)

Warranty: One year parts & labor from date of delivery. Additional coverage available. Lifetime on case.

Standards: Meets FCC Part 15 requirements, as well as, NILECJ 6002.00 requirements. CE marking.

OPTIONAL ACCESSORIES

■ Ni-Cad rechargeable battery and AC recharger unit which plugs directly into the HandWand. Ordering Number: RB-C-20

■ Earphone Jack: EJ-20

■ Epoxy filled paddle for heftier feel.

■ Holster

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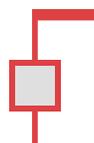
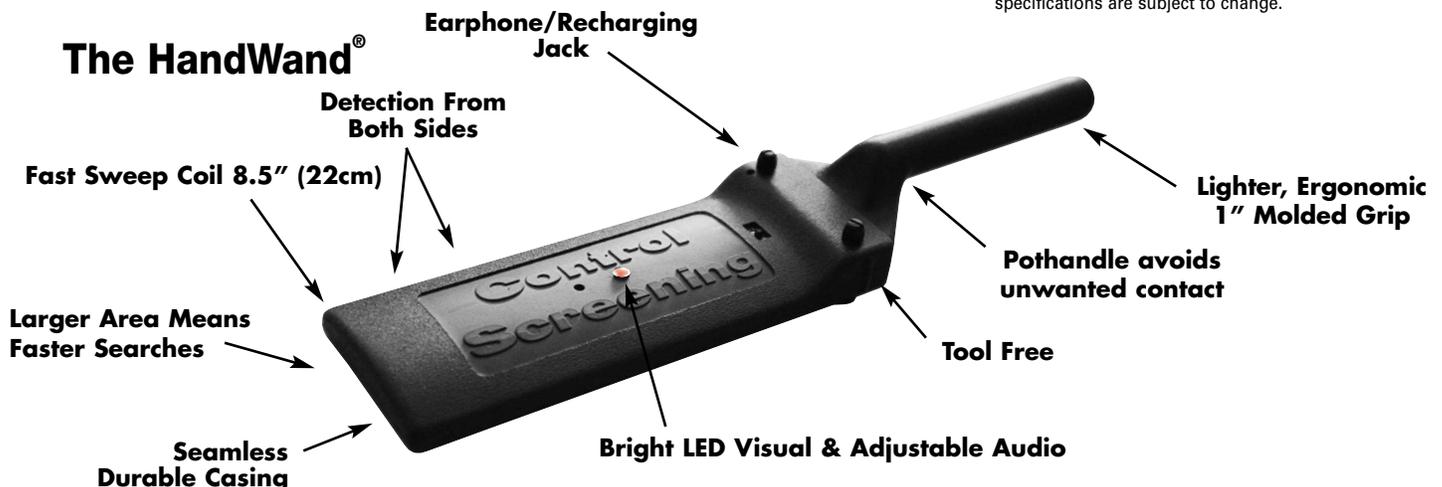
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Due to continuing product improvements, these specifications are subject to change.



Control Screening

Celebrating 65 years of excellence in design and service

Dynavision® Scintrex® CheckGate® Federal Labs® HandWand®