

NOKTA INVENIO

Images



THE START OF A NEW ERA IN METAL DETECTION! GO BEYOND BASIC BEEPS AND TARGET ID NUMBERS

Invenio is the first and single revolutionary step taken towards turning a dream into reality in the metal detector industry !

Since the 1930s, when the conventional metal detectors have surfaced, although metal detectors have been successful as far as providing many new features in parallel to advancements in the technology, they have not been sufficient enough in terms of meeting the expectations of users.

What we see today is that competitors in the industry have been signing off on many patents for many years, yet even today they could not go beyond generating basic beeps and IDs for targets and reached a deadlock.

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On the other hand, users have been expecting a lot more from a detector:

1. To discover deeper targets
2. To know what type of a metal the detected target is
3. To see the real depths and
4. The shapes of targets
5. To determine the dimensions of targets
6. To detect ground anomalies/cavities

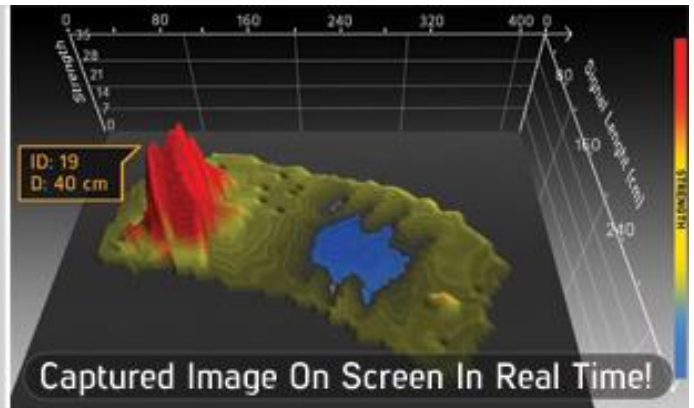
Nokta Detectors, since its foundation, has been taking steps towards turning this dream of users into reality. After years of extensive Research & Development and advanced engineering studies, Nokta has achieved to develop the world's first Smart Detector & Imaging system - the Invenio. Nokta owns the whole technology and know-how used in the Invenio for which 3 different patents are applied for.

Invenio is designed as a platform that can be advanced and it is planned to be integrated with all hobby detectors (coin and relic) as well as gold nugget detectors in the future.

**WORLD'S FIRST REAL TIME SMART DETECTOR & IMAGING SYSTEM
PROVIDING THE SHAPE, DEPTH, DIMENSIONS AND DISCRIMINATION OF
UNDERGROUND METALS AND GROUND ANOMALIES/CAVITIES.**

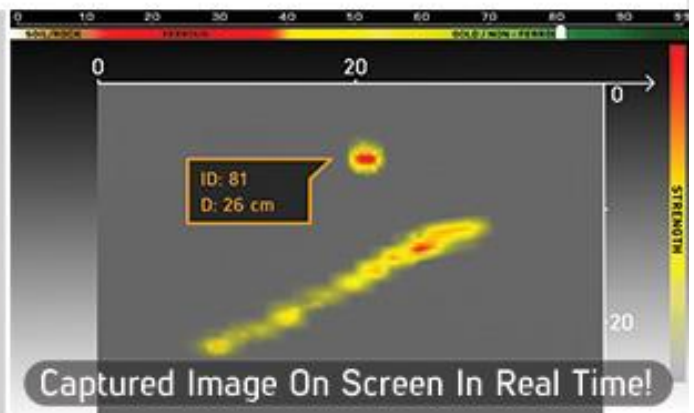
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Underground Cavity And Buried Metals



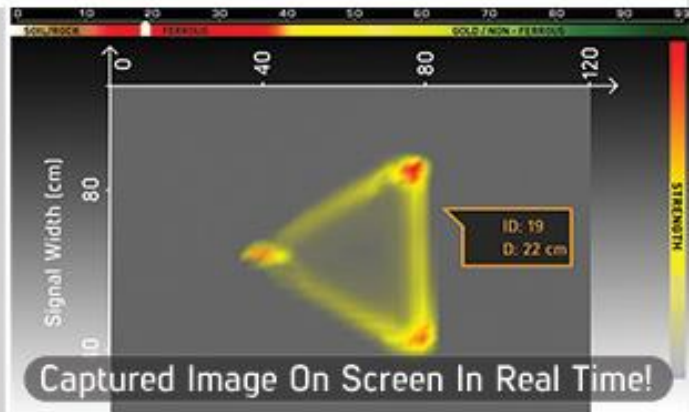
Real Buried Targets Underground

Coin (2.5 cm) &
Ferrous Metal (20 cm nail)



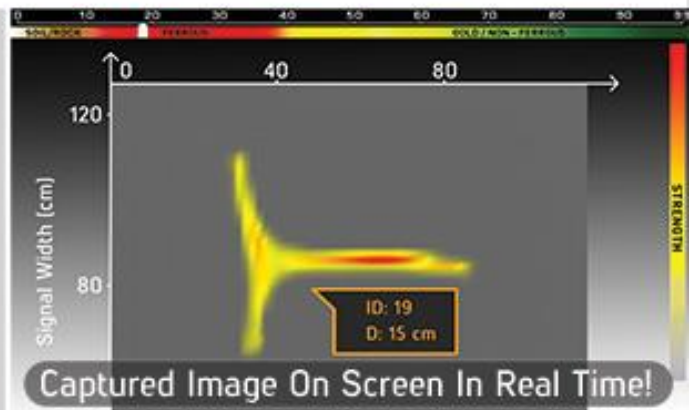
Real Buried Target Underground

Equilateral Triangle Made of
Iron Bars (50 cm each side)



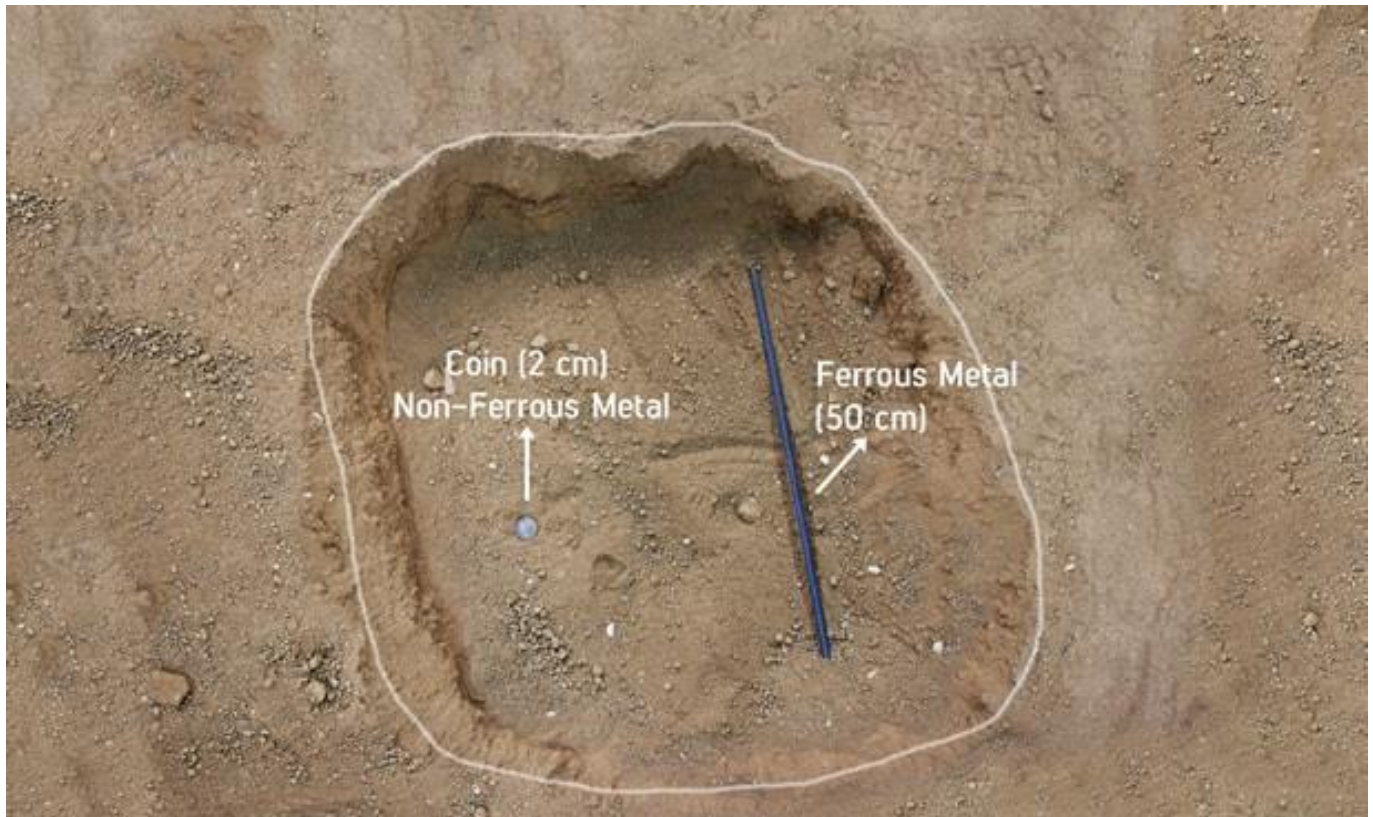
Real Buried Target Underground

Letter "T" Made of
Iron Bars (50 cm height)

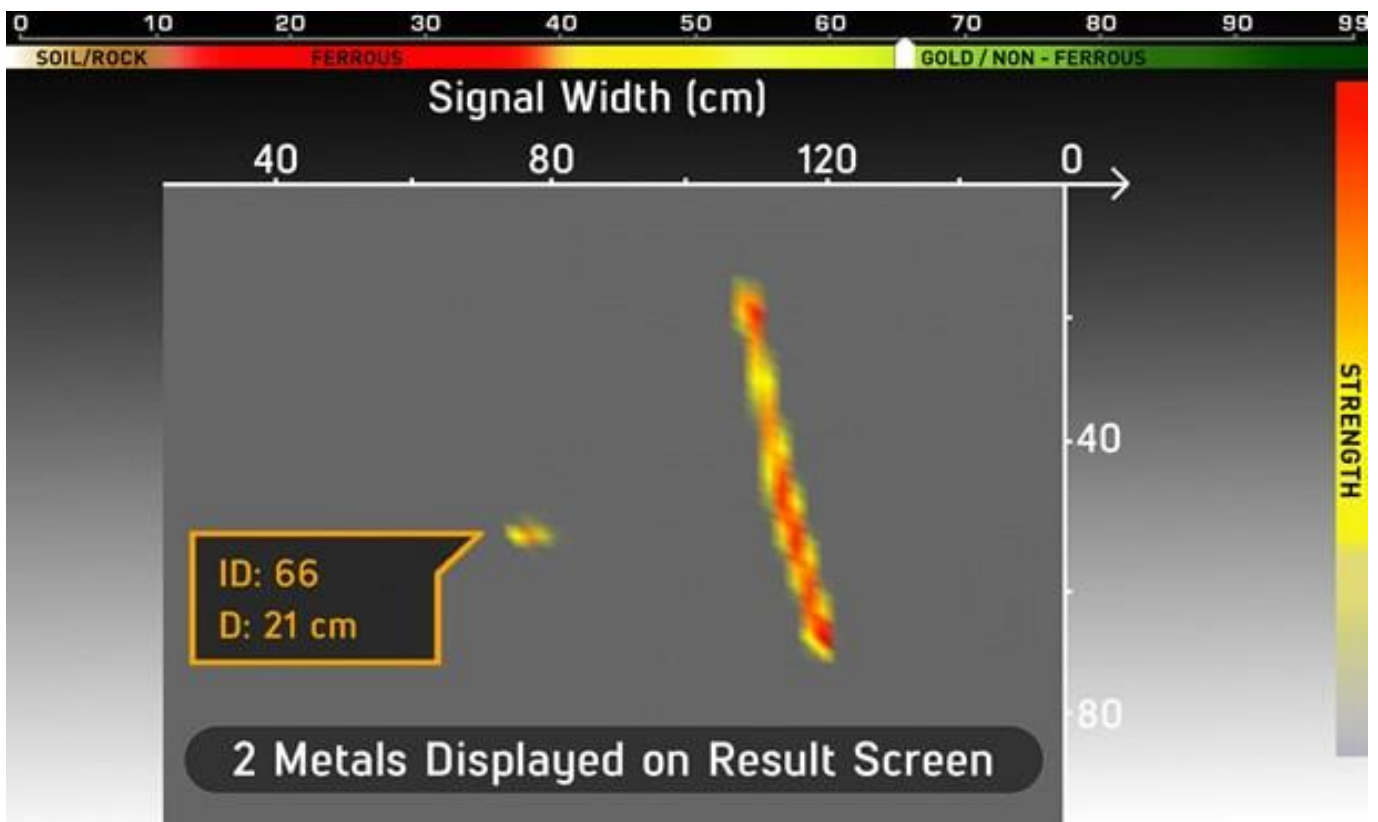
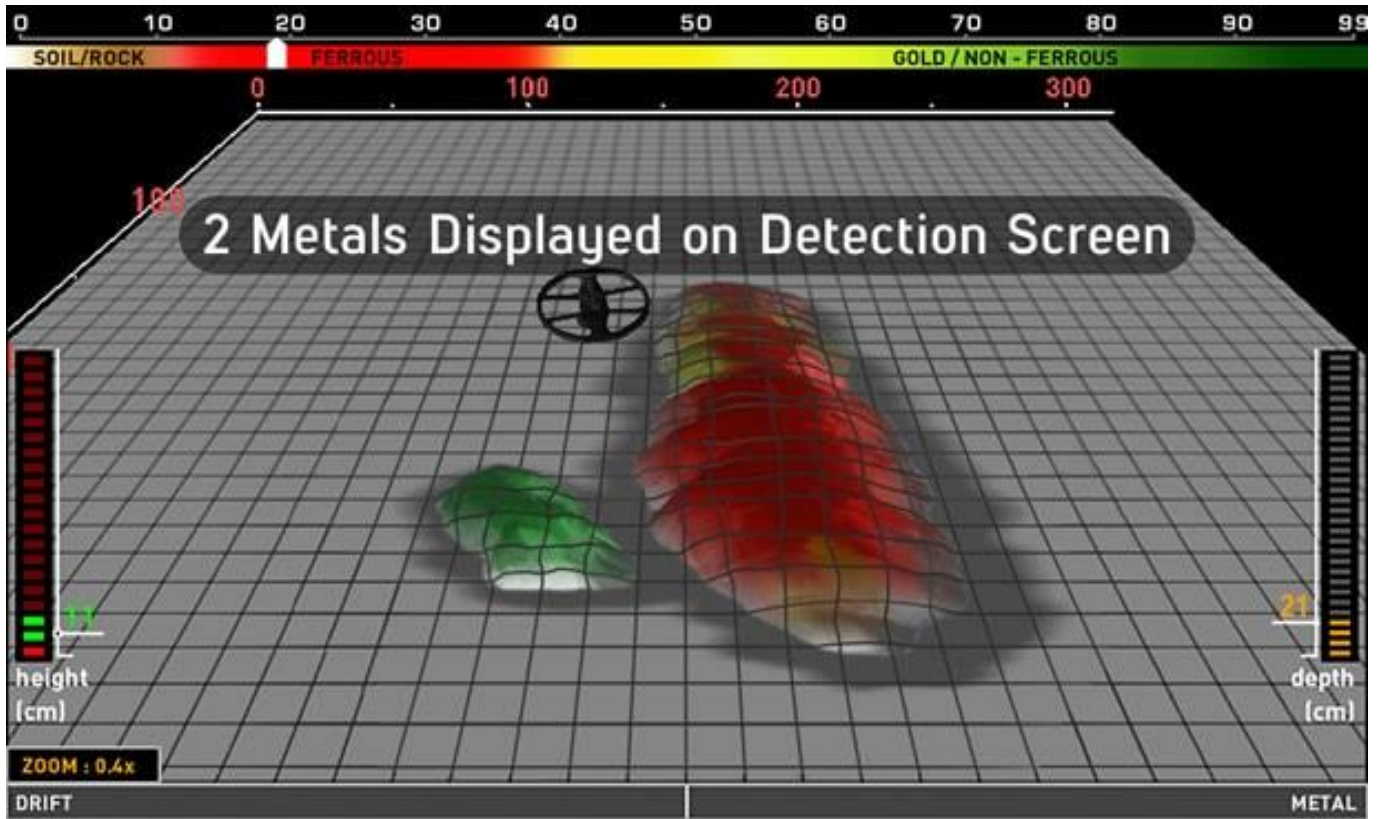


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DETECTION AND RESULT SCREENS
Underground Field Test



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Multi-Purpose : Targets that you can detect with the Invenio: Deep treasures, caches, coins, relics, ground anomalies/cavities such as underground caves, tunnels etc.. In short all you are looking for underground!



Excellent Discrimination and Unmasking Ability : Save time by detecting the targets you want while spending less time digging.



High Performance and Unmatched Depth : Uncover deep treasures other detectors simply cannot detect.



Fast Recovery Speed : Get ready to find out what other metal detectors missed amongst trash and iron!



3 Non-Motion Search Modes : Basic / Expert / Ground Anomaly & Cavity
3 Motion Search Modes : All Metal / Fast / Deep



Archive : You can save all 3D graphs and screen shots and transfer them to your PC if you wish.



17 Languages : English / German / Greek / Turkish / French / Italian / Russian / Arabic / Spanish / Chinese / Persian / Bulgarian / Serbian / Romanian / Dutch / Portuguese / Polish



2.4GHz Wireless Connection : The Invenio system box and shaft communicate wirelessly. In addition, users who do not prefer wired headphones can purchase the optional 2.4GHz wireless headphones.



Online Firmware Updates : Stay up-to-date with firmware updates (via USB on PC) and get the most out of your detector.



Vibration : When this feature is active, Invenio will vibrate upon target detection. An essential feature for hearing impaired users and noisy surroundings.



LED Flashlight and Screen Backlight : Invenio's screen backlight and the flashlight, which illuminates your scan area, enable you to detect in the dark as well.

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SPECIFICATIONS

Operating System	Embedded Linux System
Graphic Process	OPEN GL
Sensor	IPTU (Integrated Positional Tracking Unit)
Operating Principle	VLF
Operating Frequency	Standard: 14kHz Pro: 5kHz/14kHz/20kHz
Audio Frequencies	150 Hz - 700Hz adjustable
Search Modes	(3 Non-Motion (Including Ground Anomaly/Cavity) / 3 Motion)
Iron Audio	Yes
Tone Break	Yes
Notch Filter	Yes
Ground Balance	Automatic / Manual / Tracking
Pinpoint	Yes
Frequency Shift	Yes
Vibration	Yes
Sensitivity Setting	01-99
Target ID	00-99
Search Coils	INV28 Waterproof DD 28x18cm, INV40 Waterproof DD 40x35cm, INV56 Waterproof DD 56x49cm (included in pro package only)
Display	7" 800x480 18 Bit RGB TFT Screen
Backlight	Yes
LED Flashlight	Yes
Weight	System Box: 1.7kg (with 5500 mAh battery) Shaft and Handle: 2.4kg
Length	121cm -152cm adjustable
Shaft Battery	7.4 V 5400 mAh LiPo
System Box Battery	7.4 V 5500 mAh LiPo
System Box Spare Battery	7.4 V 9500 mAh LiPo (included in pro package only)
Shaft Battery Life	Without sensor - up to 20 hours, with sensor: up to 10 hours
System Box Battery	Up to 7 hours
System Box Spare Battery	Up to 13 hours

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Warranty	2 years
Patents	Displaying the shape & dimensions of metals, displaying the depth of metals, displaying ground anomalies / cavities