The new Gold Rush starts now… what are you waiting for!

GPZ 7000

The Future of Gold Detection

NEW GOLD
UP TO 40%* DEEPER
TECHNOLOGY

ZVT Super-D GPSi Wi-Stream

World's Best Metal Detection Technologies

MINELAB
www.minelab.com

The Future of Gold Detection is Here!

"The GPZ 7000 doesn't make gold, but sometimes it seems like it can!"

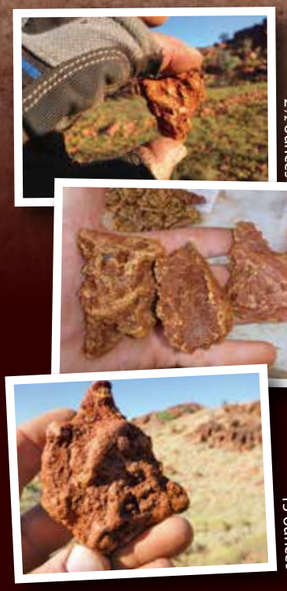
Excerpt from test report №2

"I revisited an old rich patch today where previously I couldn't work the ground because of noise and instability. With the GPZ 7000 the difference was staggering. The gold started to come in nice and steady with a haul of 30 grams at the end of the session. The biggest nugget weighed in at 12 grams and was 17 inches deep."

Excerpt from test report №1

"I managed to find some decent gold at depth, including a 2 ½ ounce nugget at over 2 ½ feet. A GPX 5000 with a 20-inch Monoloop couldn't even touch it."

Jonathan Porter, Australia



"I was finding gold right and left as if this location had never seen a detector before."

"I was having a 'Eureka Moment', the whole experience was mind blowing. The GPZ 7000 was working some serious electronic magic.

I have not found that many large chunks of gold that fast in very many years–1.6 ounces of gold in less than three hours! The GPZ was able to detect fine specimen gold at depths far exceeding what one of the best hot VLF detectors could attain in this soil."

"The GPZ 7000 is taking gold detecting to the NEXT LEVEL, and I am very fortunate to be one of the first people to see its power first hand. My goal for the upcoming year is to spend as much time as possible using this detector in known gold locations."

Steve Herschbach, USA

ULTRA HIGH PERFORMANCE

Extreme Gold Depth

So how deep can you go? Well, up to 40%* deeper than the GPX series. Old gold fields are new again, thanks to the revolutionary new ZVT technology. Minelab takes you much deeper than ever before!

Maximum Gold Sensitivity

The incredible sensitivity of the GPZ 7000 with the Super-D coil gives you the ultimate advantage in the field. Find gold others have missed, from sub-gram gold through to those elusive 'retirement nuggets' still out there.

Precision Ground Balance

Most gold is buried in the mineralized 'difficult' ground that many detectors can't cope with. The GPZ 7000 accurately 'balances' and automatically 'tracks' to even the most severe ground conditions, with ease.

Enhanced Noise Immunity

The outstanding noise immunity of the GPZ 7000 enables very smooth and quiet detecting. With 256 Noise Cancel channels, the GPZ 7000 picks up less atmospheric noise. Listen to the gold, not the noise interference!

* When compared to the average performance of the GPX 5000 in typical environments. Actual performance depends on prevailing conditions.

VERY VERSATILE DETECTING

Simple Menu System

The easy-to-use Menu Pages group similar functions together under Detect and Map sections, with all settings quickly accessible. Use the Guide Sequences to get started. You don't need to be an expert to find gold!

Wireless Audio Freedom

Detect without your headphones attached to the detector. With the WM 12 Wireless Module you have the choice of using the in-built speaker, the supplied headphones, or your favourite headphones.

GPS Locating & PC Mapping

See your location and log gold finds as you detect. With the built-in GPS you'll efficiently cover more ground and won't miss a nugget! Record your favourite 'hot-spots' by saving data to XChange 2 with Google Maps.

Waterproof Coil to 1 m (3 ft)‡

The GPZ 14 coil is waterproof and submersible to a depth of 1 m (3 ft). You can easily detect rivers and shorelines with no fuss! The weatherproof design of the GPZ 7000 allows you to go detecting in rainy or wet conditions.

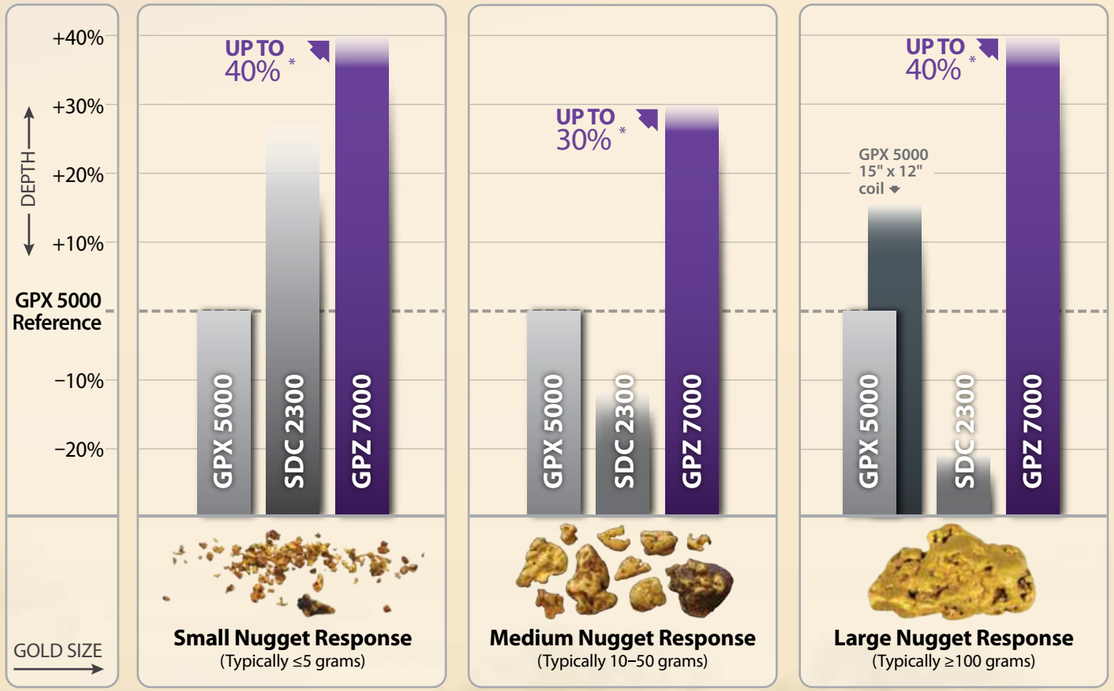
‡ GPZ 7000 detector is weatherproof only. GPZ 14 coil is fully waterproof to 1 m (3 ft). WM 12 is not waterproof or weatherproof.

GPZ 7000

Experience the next generation gold rush!

MAXIMUM GOLD RECOVERY – *Detector Comparison*

With extreme depth and maximum sensitivity, the GPZ 7000 outperforms both the SDC 2300 and the GPX 5000.



* When compared to the average performance of the GPX 5000 in typical environments. Actual performance depends on prevailing conditions.

The information displayed in this graph is an out-of-the-box comparison, is indicative only, and is based on the results of laboratory measurements and field testing undertaken by, and for, Minelab using a GPX 5000 with the 11" Monoloop coil, an SDC 2300 with attached 8" Monoloop coil and a GPZ 7000 with the GPZ 14 Super-D coil. The nominal performance for GPX 5000 with the 11" Monoloop coil is used as the baseline for comparison of the other detectors. The performance of the GPX 5000 on larger nuggets with a larger comparable accessory 15" x 12" Monoloop coil is also depicted. Note that a GPZ 7000 with a GPZ 14 coil will also typically further outperform a GPX 5000 with larger accessory coils on small and medium nuggets.

Please be aware that the depicted results give a relative and realistic comparison of the three detectors for typical goldfields conditions for detecting the weight ranges of gold shown, but do not represent performance under all conditions, and should not be regarded as conclusive.

Minelab does not warrant or represent that the performance levels depicted will actually be achieved, as performance of the three detectors will vary depending upon prevailing conditions. Relevant factors in detector performance include, but are not limited to, detector settings, coil size and configuration, ground type, mineralisation levels and type, electromagnetic interference, gold nugget size, shape and composition, and operator skill level.

GOLD DETECTING MADE EASY – *Key Gold Settings*

*Simply set the **GOLD MODE** and **GROUND TYPE** to suit your detecting conditions and you're ready to go.*

Gold Mode

High Yield *(default setting)*
(Typically ≤ 0.1–50 grams) This mode excels at detecting small to medium nuggets. It will also perform very well when hunting larger nuggets. Start with this very sensitive mode for the top layer of ground.

General
(Typically 5–50 grams) An all-rounder mode that seeks out small to large nuggets in equal measures at greater depth, without sacrificing too much sensitivity. Use this mode after covering a patch in High Yield mode.

Extra Deep
(Typically ≥50 grams) A specific mode for detecting very large, deep targets. This mode will punch deeper than all other modes, taking you to the NEXT LEVEL of gold detection up to 40%* deeper than GPX detectors.

Ground Type

Normal
For soils that have lower levels of mineralization, this mode will maximise target response signals. If the detector is noisy over the ground then switch to Difficult. This is a great mode for deep cache hunting.

Difficult *(default setting)*
Goldfields typically have very mineralized soil. This mode handles these conditions, enabling you to detect in more locations with a minimum amount of false signals masking target responses.

Severe
Some locations have extreme levels of mineralization. This ground type, combined with High Yield gold mode, enables detecting in challenging conditions for recovering gold from previously undetectable areas.

SIMPLE MENU NAVIGATION

*With intuitive page navigation for **detecting** and **mapping** functions, and icons showing settings at a glance, you'll be an expert in no time! The GPZ 7000 is fully customisable and configurable, with many easily adjustable functions.*

A new innovation is the automated Quick Start Guide Sequence that takes you step-by-step through setting up your detector. Just follow the automatic on-screen instructions.

Turn On → Quick Start → Go Detecting!

Detect

- Detect
- Detect Plus
- Settings
- Preferences
- User Button
- Reset

Map

- Map
- Display
- View
- GeoStore
- Create GeoData

NEW GOLD TECHNOLOGY

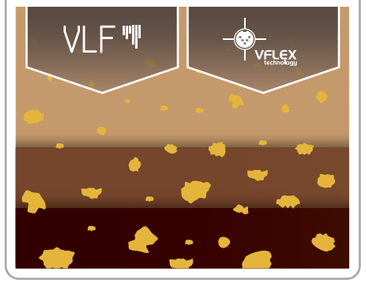
A QUANTUM LEAP in gold performance with breakthrough new technology from Bruce Candy.

ZVT technology goes to the NEXT LEVEL for all serious gold prospectors, providing substantially improved depth. No longer will you be limited to using either sine wave continuous VLF transmission detectors, that struggle in mineralized ground, or square wave PI transmission detectors, that can be insensitive to varying gold sizes and compositions.

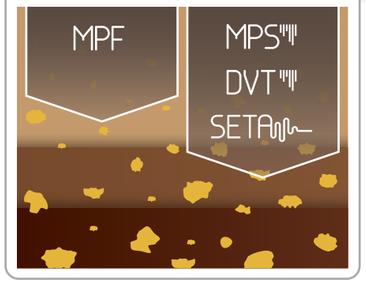
"This revolutionary new ZVT technology far surpasses GPX detectors for detecting deep large nuggets AND finding gold at any depth. The GPZ 7000 will open up the gold fields again."

-Bruce Candy, GPZ Inventor

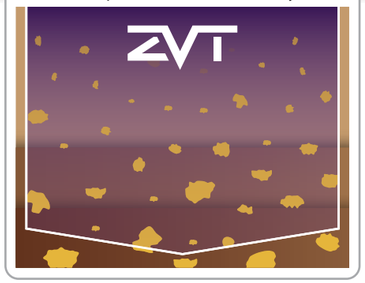
Continuous Wave (CW - VLF)
High frequencies are more sensitive to small gold



Pulse Induction (PI)
High power to detect deep in mineralised ground



Zero Voltage Transmission (ZVT)
Higher frequency and greater power for maximum depth and increased sensitivity



ZVT (Zero Voltage Transmission) creates ultra-constant high-power opposite polarity magnetic fields, increasing gold sensitivity. This innovative technology detects gold nuggets at extreme depths.

Super-D The Super-D smart coil consists of a central transmit winding and two outer receive windings. This configuration greatly decreases interference from magnetic soils, reducing ground noise.

GPSi GPSi uses a u-blox GPS engine to integrate location and time data with detector settings. This creates WayPoint, FindPoint and GeoHunt files to use with XChange 2.

Wi-Stream Wi-Stream uses low-power digital audio transmission to achieve no perceivable audio time lag (<10 ms). This provides reliability and maximum sound quality.

INTEGRATED GPS MAPPING

With built-in GPS and the XChange 2 PC app you can now map your gold finds. You won't miss anything!

With the Map screen you can navigate to a specific location, view a GeoTrail of where you have been, save WayPoints (points of interest), and FindPoints (gold finds).

You can also record the depth and weight of gold finds in the field. There's no need to carry around a separate GPS and notebook anymore– everything can be saved as a GeoHunt in the detector. When you get home, you can upload your data and display it on Google Maps.

XChange 2 *Your Detecting Connection*

FindPoint

WayPoint

AUDIO OPTIONS

Hear those faint gold signals clearer than ever before with wireless audio.

The WM 12 wireless module offers several options for maximum versatility:

- Built-in speaker *(completely wireless)*
- KOSS headphones *(block out external noise)*
- Your own headphones *(the sound you are used to)*
- Two WM 12s† *(for dual-mono immersive sound)*
- Multiple WM 12s† *(for group training sessions)*

† Additional WM 12s available as accessories, purchased separately.

PRO-SWING 45

Lightweight Detecting Harness

Make your detecting swing lighter and go detecting for longer! ††

- 8 Adjustment Points
- 8 Attachment Points
- Left & Right Capability

W8

†† PRO-SWING 45 and accessories are included.

We Change People's Fortunes

Detecting Functions

Search Modes	Gold Mode - High Yield, General, Extra Deep Ground Type - Normal, Difficult, Severe
Noise Cancel	Auto and Manual (256 channels)
Sensitivity	Level (1–20)
Volume	Range (1–20) Limit (1–20)
Threshold Level	Level (1–50) Pitch (1–100)
Audio Smoothing	Off, Low, High
Ground Balance	Auto and Manual (Quick-Trak trigger button)

Mapping Functions

GPS Coordinates	DMS (degrees, minutes, seconds), DM (degrees, minutes)
Zoom Levels	10x10, 20x20, 100x100 (metres/yards per cell)
GeoStore	100 FindPoints, 100 Waypoints, 10 GeoHunts
GPS Engine	u-blox Neo-7 (56 channels, SBAS: WAAS, EGNOS, MSAS)

Physical Specifications

Coil (GPZ 14)	14" x 13" Super-D Configuration with skidplate (waterproof to 1 m/3 ft)
Battery	Li-Ion Rechargeable Pack (7.2V DC, 72Wh)
Audio Output	6.3 mm (¼") non waterproof socket, Wi-Stream wireless signal transmission
Headphones	KOSS UR 30 100 ohm with 6.3 mm plug (¼-inch) (non waterproof)
Wireless Audio	WM 12 module (14 channels) Connect one or more WM 12 modules
Display	Full colour LCD (320 x 240 pixels)
Detector Weight	3.32 kg (7.32 lb) (Including GPZ 14 coil, skidplate and 72Wh battery)
Detector Length	Collapsed: 1170 mm (46.1") Laid flat, packed position: 1304 mm (51.3") Extended: 1526 mm (60.1") Laid flat, packed position: 1651 mm (65.0")
Harness	PRO-SWING 45 with additional J-strut, cross piece and GA 10 Guide Arm

Other

Key Technologies	ZVT, Super-D, GPSi, Wi-Stream, W8
PC Connection	USB interface for XChange 2 PC software
XChange 2	Software supplied on CD (Windows XP, Vista, 7, 8 compatible)
Software Updates	GPZ 7000 and WM 12 upgradeable via XChange 2 (with internet connection)
Detector Menu	Page Navigation (6 Detect pages, 5 Map pages) with built-in Guide Sequences
User Interface Languages	English, Español, Português, Français, Русский, العربية
Documentation	Getting Started Guide and Field Guides Instruction Manual (on CD), XChange 2 Manual (on CD)

Buy Genuine - Stop Counterfeits

Product compatible with Minelab Verification Program.
For more information please visit www.minelab.com.

* When compared to the average performance of the GPX 5000 in typical environments. Actual performance depends on prevailing conditions.

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