

# GPZ7000

*The Future of Gold Detection*



UP TO  
**40%\***  
DEEPER  
NEW GOLD  
TECHNOLOGY



**MINELAB**  
[www.minelab.com](http://www.minelab.com)

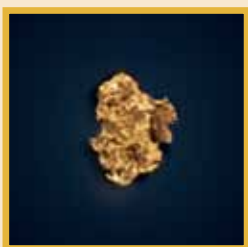


## A massive improvement in gold performance with breakthrough new technology from Bruce Candy...



*"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**



*"Working in ground that both the GPX 5000 and the SDC 2300 had been over we were amazed to find this nugget with the GPZ 7000 down about 20cm. The signal was loud and crisp... We are excited with the direction that Minelab is taking the technology in metal detectors"*

**- J Moyo, Zimbabwe**



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

**- Jonathan Porter, Australia**



*"The GPZ 7000 is going to unearth many more nuggets in new and old ground. We were very impressed by the simple settings menu and we even found this small piece – can't wait to get one! Good job Minelab!"*

**- S Nyathi, Zimbabwe**



# ULTRA HIGH PERFORMANCE



## 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 1m (3 ft). WM 12 is not waterproof or weatherproof.



## 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. Work as a team and share your audio to quickly identify those valuable 'gold' sounds.



## 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!

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



## Precision Ground Balance

Most gold is buried in the mineralised '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.





# VERSATILE DETECTING



## 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.



## 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.



Turn On



Quick Start



Go Detecting!



Map



Map



Display



View



GeoStore



Create GeoData



Detect



Detect



Detect Plus



Settings



Preferences



User Button



Reset



## 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 the 'life changing' large nuggets still out there!



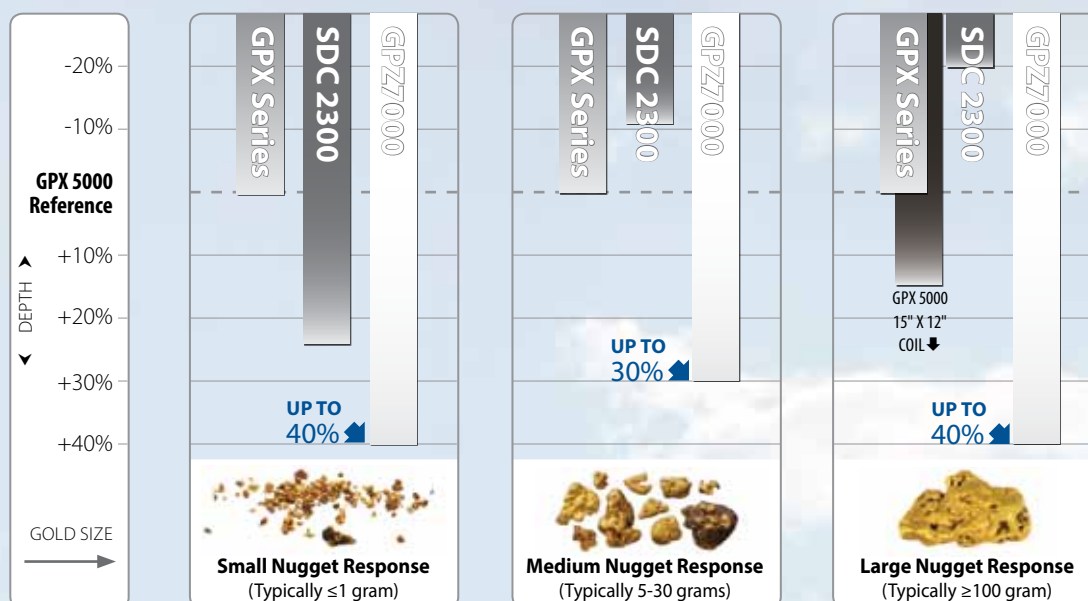
## Enhanced Noise Immunity

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



## MAXIMUM GOLD RECOVERY - Detector Comparison

*With extreme depth and maximum sensitivity, the GPZ 7000 outperforms both the SDC 2300 and the GPX Series*



\* 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 mineralisation, 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

Goldfields typically have very mineralised soil. This mode handles with 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 mineralisation. This ground type, combined with High Yield mode enables detecting in challenging conditions, for recovering gold from previously undetectable areas.



# We Change People's Fortunes



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## Detecting Functions

Search Modes	Gold Modes - High Yield, General and Extra Deep Ground Types - 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, 68Wh)
Audio Output	6.3mm (1/4") non waterproof socket, Wi-Stream wireless signal transmission
Headphones	KOSS UR 30 100 ohm with 6.3 mm plug (1/4-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  عربي  Español  Português  Français  Русский
Documentation	Getting Started Guide and Field Guides Instruction Manual (on CD), XChange 2 Manual (on CD)



## Buy Genuine Minelab

The security labels on the GPZ 7000 can be used to verify that your detector is genuine. Only MINELAB detectors deliver the real results!

Verify your GPZ 7000 detector online at [verify.minelab.com](http://verify.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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World's Best Metal Detection Technologies

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