



# QUATROFORCE

**More power and simplicity...  
geophysical void - gold locators for everybody to use!**

*"At GDI geophysical instruments we have tested all the 4 probe resistivity geophysical locators available worldwide. Our study results to the QUATROFORCE advanced detectors design.  
A powerhouse for finding treasures and gold ore that outperforms all rivals!"*

## **QUATROFORCE advances over other 4 probe gold detectors:**

**MORE POWER...**QUATROFORCE powerful 110 volts "carrier wave" underground signal, scans deeper to ensure that no target is left hidden.

**SMART HI TECH MICROPROCESSOR ANALYSER...**Analog meters, LED bars, scale knobs from competitor locators belong to the past. QUATROFORCE color LCD reads and displays graphically resistivity TARGET ID values. Also with audio alarm for precious metals. LCD reacts instant and automatic. No manual scales to select, no HI / LO bands, no Target Response Lamps that burn out. QUATROFORCE is a serious yet simple gold detector without bells and whistles

**CUSTOMER FEEDBACK CONSIDERED...**We listen to customer complains about geophysical locators that often indicate wetness and large mineral concentrations erratically as gold / precious metals. Now on the QUATROFORCE you can offset the "GROUND ADJUST" setting to reject those false gold readings, and set any bad environment to read like normal soil

**SIMPLE, SPEED UP, USER INTERFACE...**Automatic Test Probe Push Buttons instead of switches. Total 6 push buttons for the 6 pairs of probes that are positioned to the ground on a square pattern. No need for extra Bank Switches to isolate the diagonal from the side probe pairs when scanning

**FUNCTION CHECK...**Internal programmed Target Dummy Loads for Gold and Iron, are used for testing. No external load testers to connect at the probe jacks. Push the "TEST GOLD" & "TEST IRON" buttons, and check TARGET ID, to assure that QUATROFORCE operates according to specifications

**QUALITY CONSTRUCTION...** Durable, laser cut stainless steel panel fixed into a waterproof carry case

**for more details and your local distributor visit [www.gdi-detectors.com](http://www.gdi-detectors.com)**

## QUATROFORCE concept theory

QUATROFORCE is a scientific geophysical locator for the detection of treasures, gold, metals, minerals, caves – voids - tombs, subsurface water etc. QUATROFORCE emits a powerful electrical signal and scans the total electrical resistance of the ground using 4 ground probes, that are hammered into the soil on a square or rectangular pattern. The results are displayed on a color LCD as graphics and TARGET ID values. Underground electrical resistance changes with factors like water, metals or caves.

QUATROFORCE LCD analyses targets to these categories: caves/voids, inert ground, water, minerals, iron, gold / precious metals. For a successful detection a metal target needs to have a mass about 3 kg or more. Small coins or equal sized surface targets that trouble metal detectors are not located.

That feature is useful for the detection of treasures in depth, as there is no interference from the small and near the surface trash metal objects. It is a truly scientific tool for archaeology, mining industries, geology and treasure hunting, that can be used by just one operator. The most efficient geophysical locator requires not any training nor any experience. Comes with a 12 V / 7,2 Ah battery and a handy fast in-out power supply connector and charger on a watertight case.

The QUATROFORCE "Carrier wave" signal transmits underground from 2 probes at a time, to 6 directions, on a square or rectangular pattern, like on the examples 1,2,3 & 4 shown below.

### QUATROFORCE smart color LCD

**Push the “Probe Test Buttons” and determine target location within a 1256 square meter area!**



**We have taken the 4 probe geophysical locator design into the microprocessor age!**

**With a backlight LCD analyses accurately voids, water, minerals, iron, gold & precious metals with color segments and TARGET ID values.**

**What's more with QUATROFORCE? there are not any adjustments for the user to worry about, no complex operation, nothing to tune.**

**QUATROFORCE geophysical locator is all automatic. Simply power on and start scanning the underground. Microprocessor accuracy and simplicity in electronic geophysics for everybody to use.**

**Push the Probe Test Buttons for instant location / detection of treasures up to 33 meters depth.**

#### SPECIFICATIONS

- 1256 TO 3421 sq.m., SCAN AREA ( WITH EXTENSION WIRE )
- READS DEPTH FOR VOIDS & METALS
- ACCURATE MICROPROCESSOR LCD GEOPHYSICS SCANNER
- NUMERICAL VALUES & GRAPHIC COLOUR SCALE FOR TARGET ID
- AUDIO ALARM FOR GOLD & PRECIOUS METALS
- OUTPUT 110 V AC SIGNAL POWER
- 12v 7.2Ah EXTERNAL LEAD ACID BATTERY & 220v CHARGER
- USAGE TIME 4 HOURS
- OPERATING TEMPERATURE -5C TO 50C
- QUATROFORCE CARRY CASE 54 x 23 x 42 cm
- WEIGHT WITH BATTERY, CHARGER, WIRES, PROBES : 14 Kg
- WEIGHT WITHOUT BATTERY, CHARGER, WIRES, PROBES : 7,6 Kg

#### FEATURES

- GROUND ADJUST OFFSET TO REJECT FALSE MINERAL READINGS
- IGNORES SMALL / NEAR THE SURFACE OBJECTS
- 4 GROUND RODS AND 4 x 20 m. WIRES ( ABILITY FOR EXTENSION 33 m. WIRES )
- 6 PUSH BUTTONS TO TEST PROBE PAIRS
- 2 INTERNAL TEST TARGET DUMMY LOADS FOR IRON & GOLD
- MAXIMUM DEPTH 33M ON LARGE VOIDS – TOMBS
- FAST IN / OUT POWER SUPPLY PLUG
- COLOUR LCD FOR AUTOMATIC TARGET VALUE
- EASY TO USE COMPACT / PORTABLE GEOPHYSICS LOCATOR
- WATERTIGHT HEAVY DUTY CASE
- 2 YEAR GUARANTEE & INSTRUCTIONAL MANUAL



Find gold location using the LCD. When the 4 rods are positioned just like on below examples, gold and silver targets display low TARGET ID values and yellow segments. In order to find treasure depth, follow example 4.

<p><b>1. A low TARGET ID 295 represents copper</b></p>	<p><b>2. TARGET ID 200 represents gold</b></p>
<p><b>3. Find the lowest TARGET ID and move probes towards there until treasure readings are centered</b></p>	<p><b>4. When gold has been located find depth using this pattern</b></p>



GDI GEOPHYSICAL INSTRUMENTS  
 For your nearest distributor visit [www.gdi-detectors.com](http://www.gdi-detectors.com)  
 Email for enquires [info@gdi-detectors.com](mailto:info@gdi-detectors.com)