

TREASURE MAGAZINE PRODUCT REPORT

TESORO DEEP SEARCH VII



Spring-loaded buttons allow easy access to the battery compartment.

TESORO DEEP SEARCH VI



Housed in a single tray, only eight penlight batteries are needed to power the Deep Search VI.

The seven-inch coplanar coil is fully shielded to prevent ambient electrical interference from disrupting performance.

Jack is a treasure hunter, and knows from firsthand experience the problems treasure hunters encounter, as well as the kind of performance they expect from a top quality detector. To many people these days, that means VLF/TR, the dual mode arrangement which is generally recognized as the best for the person who can afford only one instrument, yet

The knurled lock-ring allows the stem to be extended to 44 inches, or collapsed to 32 inches.



Except for the three-position Mode switch, the Deep Search's knobs are all continuous single-turn controls.

To Spanish conquistadors roaming the New World several centuries ago, "tesoro" meant just one thing: "treasure." To THers today, it seems destined to have the same meaning, for Tesoro is now the name of a new metal detector manufacturer whose first brainchild, the Deep

Search VI, has all the attributes of a first class machine—and then some. How, you may be asking, can a new company produce a machine worth such a glowing assessment on its first attempt? The answer is Jack Gifford, Tesoro's manager, who for the past five years has been one of the leading designers and engineers in the metal detecting industry.

And if these credentials aren't enough, let it also be noted that



The Tesoro features a very easy to read meter. When the battery check indication falls below .6, it is time to change the batteries.

**AS A VLF/TR INSTRUMENT, THE DEEP SEARCH VI PROVIDES BOTH
DISCRIMINATION AND EXCELLENT DEPTH PENETRATION**

TESORO

wishes to engage in all types of treasure hunting. Actually the Deep Search VI, like other so-called VLF/TR detectors, can most accurately be described as simply a transmitter-receiver (TR) machine capable of operating at the lower end of the Radio Frequency spectrum; and by doing so, it combines the best of two worlds. In the mode designated "DISC," the Deep Search has a quick, sharp response, to make pinpointing a target easy; plus it obviously has the capacity to discriminate. And in the so-

called "VLF" mode, it will cancel ground mineralization, to provide better depth penetration in highly mineralized areas.

For tuning the Deep Search in these two modes, there are six controls. The first of these, the Tuning knob, is used to set the detector for maximum sensitivity and should always be set at the threshold point, or so it's just beginning to make a sound. If the detector varies from this point because of changing ground conditions, it can easily be retuned by simply pressing the

button located in the handle. It's a handy feature, because to operate below threshold, with the machine completely silent, results in the loss of a few deep targets. On the opposite side of the panel is the Sensitivity control, which can be set to "MAX" for VLF operation, or adjusted toward "MIN" to alleviate the headaches of working in TR over heavily mineralized ground.

Below this is the Ground Adjust control, which is used in conjunction with the Normal (VLF) mode to achieve ground cancelling. If the sound increases during the tuning process (when the search coil is lowered to the ground), the control should be turned counterclockwise—or clockwise if there's a decrease in sound. Since it's a single-turn control, adjustments need be but slight in order to achieve optimum tuning.

In the Normal Mode, the Deep Search will be extremely sensitive to ALL metals, and at great depths. So if you're on the prowl for iron relics, this is the mode to use. To bypass such targets, though, you change modes to DISC and resort to the "Disc Level" control, because even at its lowest setting of "0" it will reject small iron objects, such as nails. As the knob is turned toward the higher numbers, it gradually eliminates larger pieces of iron, then steel bottle caps, tin foil, nickels and some rings and—at approximately the "9" setting—pull tabs. Treasure hunters who habitually work at the higher discrimination levels will definitely want to give Tesoro's machine a try, for there were times during our field tests when we simply could not believe the kind of depth we were still getting at the pull-tab setting.

Concerning the last two controls on the panel, the Mode and the Volume/On/Off knobs, little need be said—except that, when the Mode is turned to the right for a battery check, the detector should already have gone through a ten-minute warm up period, and the volume should be at or near maximum. Only then can you properly test the working strength of the eight penlight batteries which power the unit. If they register at less than .6 DC milliamps on the meter, it's critical that they be replaced as soon as possible. This, by the way, can be accomplished without a screwdriver, for the battery com-

SPECIFICATIONS

MAKE TESORO MODEL DEEP SEARCH VI

PRICE \$299

DISCRIMINATOR YES
TR YES VLF YES BF NO

GENERAL

Length Collapsed 32"
Extended 46"
Weight 4 lbs.
Color Brown, White trim

CONTROLS

Volume Yes No
Ground Rejection Yes No
Sensitivity Yes No
Power On/Off Yes No
Discriminate Variable
Factory Preset

ACCESSORY OUTLETS

Headphone Jack Yes No

MISCELLANEOUS

Hip Mount Yes No
Meter Yes No
Battery Check Yes No

Automatic
Disconnect Yes No
Headset Yes No
Shaft Adjustment Yes No
External Speaker Yes No
Batteries
Required 8 AA Penlight
Adjustable
Search Loop Yes No
Waterproof Yes No
Fresh
Salt
Coil(s) 7"
Type(s) Coplanar
kHz 12.5
Tuning Push Button Manual

WHERE TO WRITE FOR INFORMATION

Tesoro, Dept. T
3116 W. Thomas, #606
Phoenix, AZ 85017

partment cover is held in place by two spring-loaded buttons. So, all you need in the way of tools are your fingers. It's a unique, helpful feature, illustrating Tesoro's eye for the small things which, over months or years of use, can save the treasure hunter time and trouble.

This same kind of attention to detail is evident throughout the Deep Search VI, from the fully shielded, seven-inch coplanar coil to the highly polished gold stem and the rich chocolate brown instrument box trimmed in white. The latter, since it's made of .062 inch thick aluminum, offers plenty of protection for the interior circuitry, while keeping the detector light in weight, approximately four pounds. In use, though, it doesn't even feel that heavy, for the handle is extended slightly past the three-quarters mark over the detector box to give the machine a light, lively balance.

If this characteristic made the Deep Search a pleasure to use, the detector's stability made it doubly pleasurable. In fact in one of our toughest test areas, it almost performed miracles in the TR mode.

This area, a dirt parking lot near an Little League Baseball field, has probably the highest concentration of minerals we've ever had the misfortune to encounter on dry land (although at one time it also had a nice concentration of silver dimes). Some TR machines we tested there had to be retuned literally after every one or two swings of the search coil—which we considered forgivable because of the intensity of the mineralization. The Deep Search, however, always went five and often as much as ten swings; then, and only then, did we need to retune with the handle's pushbutton.

A lot more could, and should, be said about this amazing new product—for instance, there's the ease with which you can change modes or discrimination levels with little or no retuning. But these are qualities which can best be appreciated by testing the Deep Search VI in your own area and applying your own techniques. The suggested retail price for the detector is \$299, and it's backed by a two-year warranty on parts and labor. For more information, write Tesoro, Dept. T, 3116 West Thomas, #606, Phoenix, AZ 85017.



NOTE: This product report is reprinted with permission of Jess Publishing Co. It appeared in the November 1980 issue of Treasure Magazine. Our half page advertisement below appeared in another section of the magazine. For purposes of this reprint, we substituted it in place of the ad that appeared here.

FULLY SHIELDED
7" COPLANAR
SEARCH COIL

DEESEARCH VI FEATURES:

- Depth capability for the 1980's!
- Advanced electronic design!
- Push button tuning.
- Full discrimination capability.
- Battery saver circuit.
- Single turn calibrated ground adjust control.
- Rugged, Lightweight Construction.

The Spanish word for Treasure... TESORO...

Captures the spirit of discovery that characterizes our new detectors! Just as the Spaniards were the world's master treasure finders, we now offer the master finder for today's treasures--the DEESEARCH VI--in a class by itself!

Designed by Jack Gifford
renowned detector engineer
and designer of many of
treasure hunting's most successful
instruments!

ONLY
\$299⁰⁰

Complete with
2 year
warranty!



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