

“Inspector 07”™

- **SHIPPING UNITS in the U.S., and to Canada, Mexico, Australia, and South America.**
- Designed specifically for Non-Metallic Pipes, Cables, and other buried Objects.
- Will detect most any object to a depth of 10 to 12 feet, or about 4 meters.
- One piece hand-held unit, totally self-contained, no transmitters or wires to set up or hook up.
- Weighs only about 2.5 pounds including batteries.
- Laser shows the spot on the surface, in a line directly to the detected object.
- Buzzer comes on with the laser, when an object is ‘locked onto’.
- Comes with custom padded Soft Case, with a custom ABS Case optional.

Ok to copy/send this to others
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Patents Issued

Price:

\$4,395.00

Optional Hard Case:

\$150



Name the Parts

Battery Access →

Screw Off & On

Flashlight-type access:

4 "C" cells recommended.

(Insert "+" end of battery first)

Left side target indicator →

Right side target indicator →

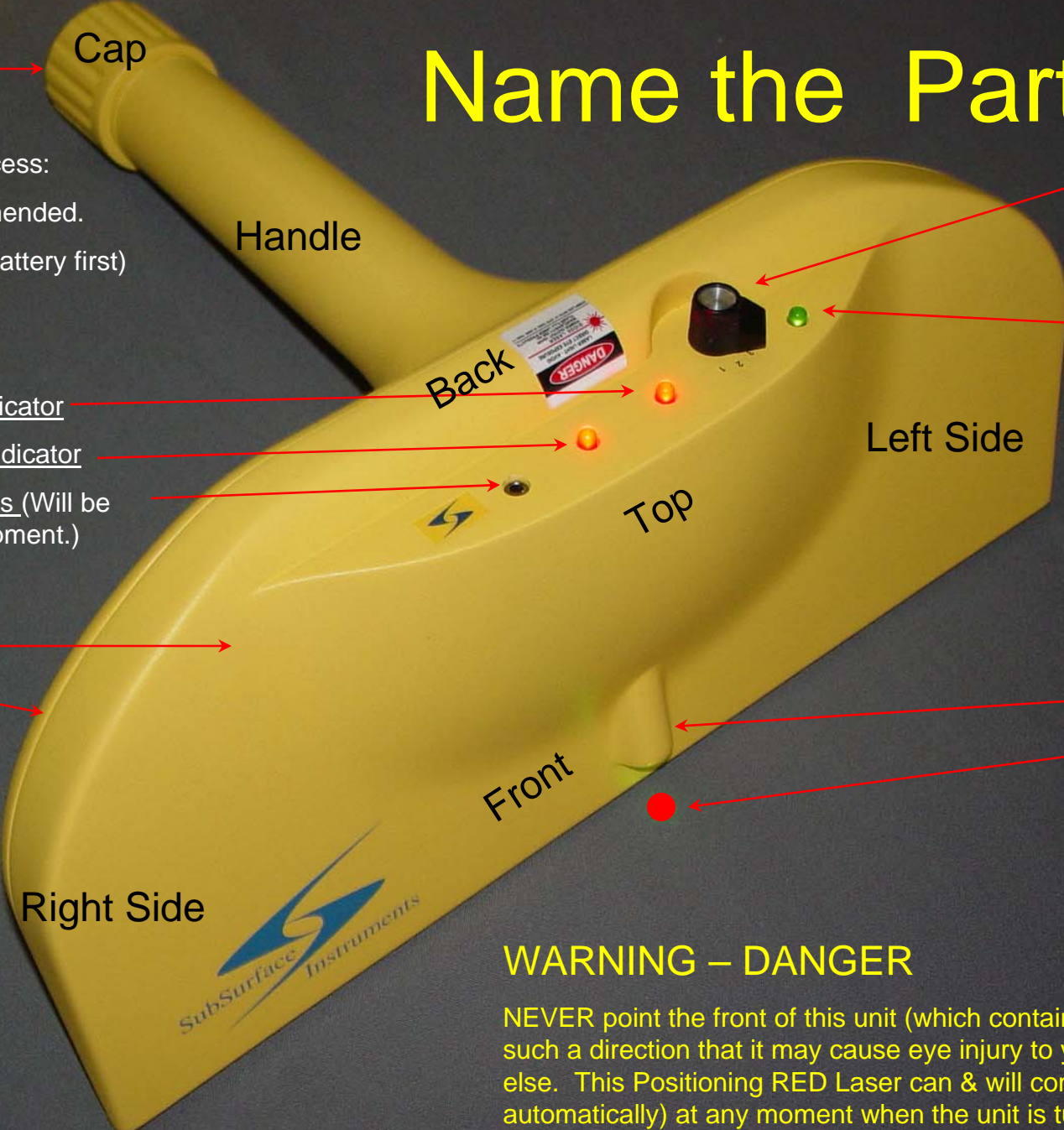
Test/Tuning Access (Will be sealed prior to shipment.) →

Clamshell Top →

Clamshell Bottom →

WARNING –No user serviceable parts inside. Opening or attempting to open the "Clamshells" will automatically VOID the warranty and will damage internal parts imbedded in the inside clamshell halves.

WARNING –DO NOT apply "stickers or labels" of ANY nature ANYWHERE on this unit, except on the "Handle"



On/Off Knob 4-pos:

Off, and...

3-high, 2-med, 1-low

Clear LED

Green –unit "ON"

Clear –unit "OFF"

Alt. Green/Red:

Low Batt. Ind.

Target Laser Cavity

RED Laser marks

the Target Position.

WARNING – DANGER

NEVER point the front of this unit (which contains the "Laser") in such a direction that it may cause eye injury to yourself or anyone else. This Positioning RED Laser can & will come on (activate automatically) at any moment when the unit is turned ON, even if you cannot see it; therefore, heed the WARNING at all times.

Technology Overview

This is not “GPR” (Ground Penetrating Radar), although multiple signals are sent/received and processed. The technology is proprietary, and the patent has been issued. So we are not going to talk about the technology in detail. This is a single, handheld unit that weights about 2.5 pounds; and it is simple and easy to use... it just takes patience and common sense. The locator cannot “tell you” what the target is; that’s up to you. It simply tells you a target has been located.

The great thing is this locator finds just about everything. That means it finds about everything you can find with current technology magnetic, metal detector, radio frequency, and GPR locators; AND about everything else that they CAN’T find. You just have to know, or figure out, what you are detecting. With that knowledge and the understanding that one must go slowly and use common sense; one should understand that this is a great tool. The locator loves “edges” of objects.. That means that you can transition from known pipes that are metallic, or have properly installed tracer wire; right onto those sections that turn into non-metallic pipe, or the tracer wire is not installed properly, or has corroded over time. Let’s explore further:

If you use the “Innspector 07” to find those things that you know are “...somewhere over here. ...run through somewhere along there... I know it’s down here somewhere, but I just can’t find it with my other locators.” You can see how valuable it is when used for this purpose. You may not have been able to find these items at all before now, unless you hit one. What a difference that makes! And, that’s just pipes & cables... what about all the other markets... use your imagination... the possibilities are nearly endless. However, the responsibility of locating/detecting, safety, and confirming the target, as always, still lies with the Operator. Like any “tool” the more you use it, the better you get. As you can imagine, however, a trench with lots of items in it close together, will make it nearly impossible to pick out (follow) one single target.

There have been many cases during testing and demos, where we found the target in a matter of seconds. There is NO setup, NO plugging in cables, NO installing ground stakes, NO trying to run a “snake”, “fiche”, or “sonde” up a non-metallic pipe to then hook onto, and still not work part of the time. NO “squiggly” lines to try to interpret. NO need to be an engineer to operate it. Pull it out, turn it on, and start detecting. One word of caution: There is no way to make this unit impervious to physical abuse; you must protect the unit against physical shock. Working in rain may be a problem; if it’s uncomfortable for you, it will be so for the unit. Like a horse, “don’t put it away wet”; let it dry off before putting it back in the case. Regardless, DO NOT THROW this unit anywhere; not even in the case. It is a scientific instrument, treat it as such... take care of it, and it will take care of you. One final word or caution: do NOT place “stickers or labels” anywhere on this unit, except the handle.

Some Other Objects:

-Key Point to Remember from the last slide – The Inspector 07™ “loves edges” –

-In Addition To All Types of Pipes and Cables –

Septic Tanks, Boxes, and all types of buried Drums: Imagine the edges of the tank, box, or drum, and align yourself to point the locator in such a manner as to detect the edges as previously discussed. By walking around the tank and taking scans (slicing the tank in two), one can define the outline of the tank. Remember also, that “rounded edges” like a round pipe will be defined as an edge. The flat surface of the side or top may not be detected unless the locator is pointing directly at the flat surface and not at an angle to it. If the tank has one or more “clean-out lids” on the top, the edges of that lid may also be detected. If one is careful, one may be able to keep the locator on a detected edge and slide carefully along the edge to outline it, until it turns a corner. The drain-field pipes are also detectable by the “scan & step” method (the 4-6” corrugated is tough).

Graves/vaults/Skeletons: Coffins & vaults would be detected as described above. A buried body or skeleton would be detected by “hits” on the individual larger bones, and multiple hits on groups of smaller bones.

Buried Walls & Old Foundations: May be detected by the edges of the wall or foundation by the same “scan & step” method.

Storm Sewers and other concrete pipe, or pipe-like structures: would be detected like any other pipe, just remember the estimated size of such a pipe, it’s shape, and any joining structures; in order to imagine where “edges” would be formed.

Rebar in Concrete, Hot/Cold Water Pipes in Concrete Floors: Rebar can be detected in concrete by the same method as detecting pipe in the ground, but it is a very tedious operation. One may also be able to “slide” along a piece of rebar once detected if very careful. To detect a pipe or cable under a concrete floor with rebar in the concrete, is slow and tedious, and may not be worth the trouble. One can identify the rebar and then the pipe that runs at an angle to the rebar, and/or between the rebar at other than a normal distance between the bars... but is very tedious. If the concrete is reinforced with fiberglass particles instead of rebar, detecting a pipe or cable in it becomes very easy, because the reinforcement would not be detected.

Innspector 07 Testimonials

December 2008

REF: Nuclear Power Plant, 30 acre 100% Locate project.

All is OK here in Mississippi working around torrential rain and tornadoes:

Innspector is working with no problems. We finished about 1/3 of the project today ahead of schedule and have had NO PROBLEM with 2" Plastic line, Fiber optic , Duct banks sewer and electric. The Guy here with west Point Water and Electric Department came out, and I let him locate the plastic line to try it out for himself. Thank You... Jerry Jackson, Tennessee

PS: With all the rain we were working through standing & running water up to 8" deep, sometimes more, in the duct banks... Innspector performed and located with no problem... right through the water... this has NEVER been possible before! Fossil, Hydro and Nuclear Plants, Switch Yards and Transformer Yards...

No matter which method we employ we all ways verify our locations with independent checks once the area has been flagged and painted.

NOW HERE IS THE GOOD THING!

Over the past fifteen months we have been using the INNSPECTOR 07 and we have been able to not only to verify underground utilities as shown on existing as-built but underground hazards mis-plotted or underground features that have been abandoned, or, that were added and there was never a record made.

This environment is extremely difficult to perform accurate locations because everything is energized yet the INNSPECTOR 07 has performed exceptionally well in this environment since it will detect all materials that are present in and around switch and transformer yards.

If I can be of further assistance you may contact me. Jerry, President DES Resource Groups Inc.

Hi Ron. I think I told you, but here are today's details:

Yesterday, after 45 minutes of training, I loaned the unit to some circuit rider friends in KY, and I was to pick it up today since they were within a 2 hour drive of my location. I was in Harrodsburg (near Frankfurt) and they were in Olive Hill (near Morehead). They were holding a leak detection/line locating class, attended by 15-20 folks, representing 8 utilities.not being there (during the class) made me a little nervous.

These guys are working circuit riders. As you may know, some are pointers, some are workers. (They)...used the system with 100% accuracy, and one of the lines Tim located was reported to be 23 feet deep, as the utility (company) had recently dug and repaired the line. A 10" PVC. Dang!

Great job. Regards, Bud