

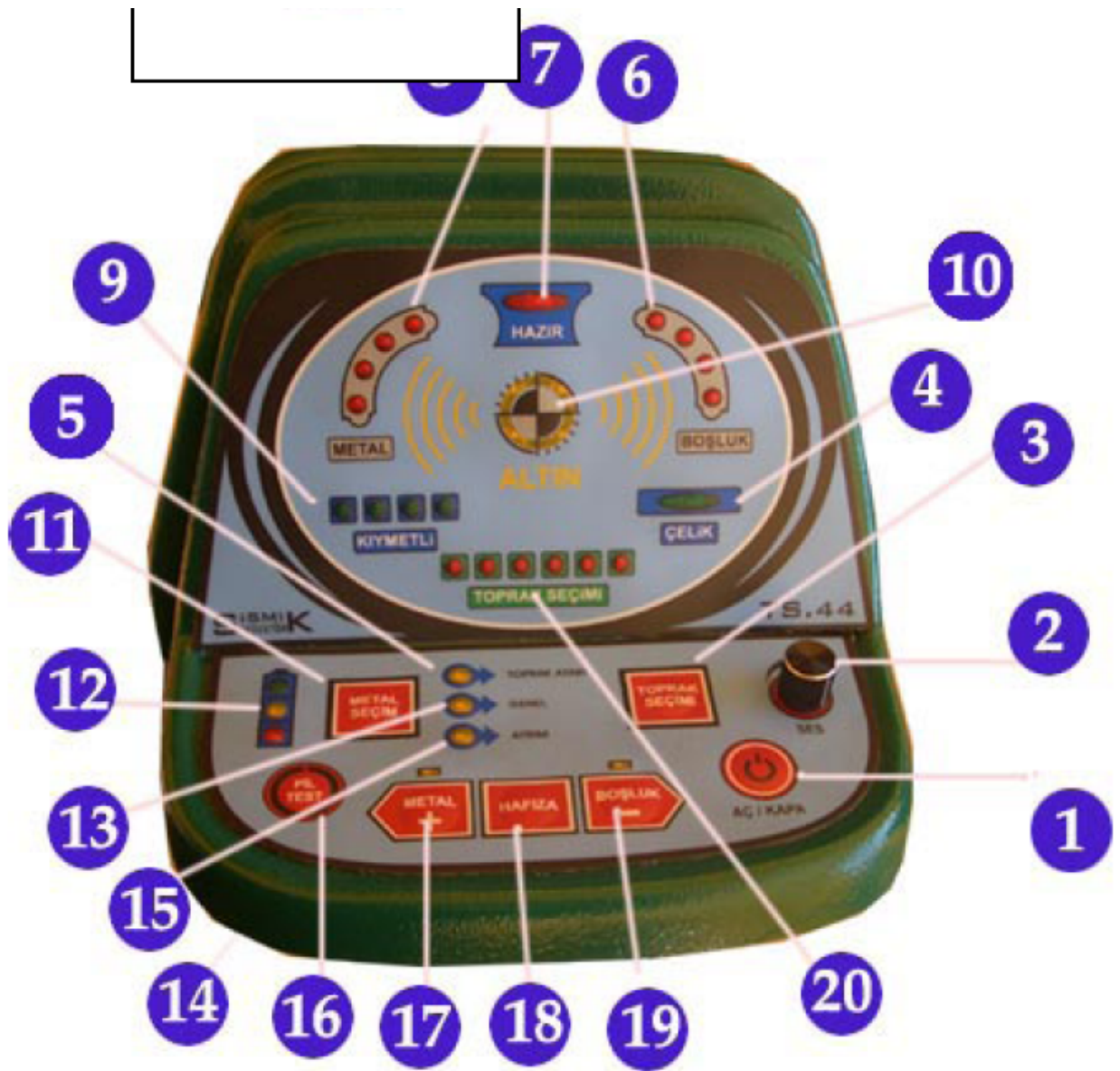
T.S 44 DETECTOR

Components of Detector

1. Main Frame
2. Search Coil
3. Search Rods (3 Parts)
4. Headphone
5. Carrying Bag
6. Vehicle charge apparatus

Main frame consists of 3 components, and its mounted shape is shown in the following figure together coil handles and search coil.



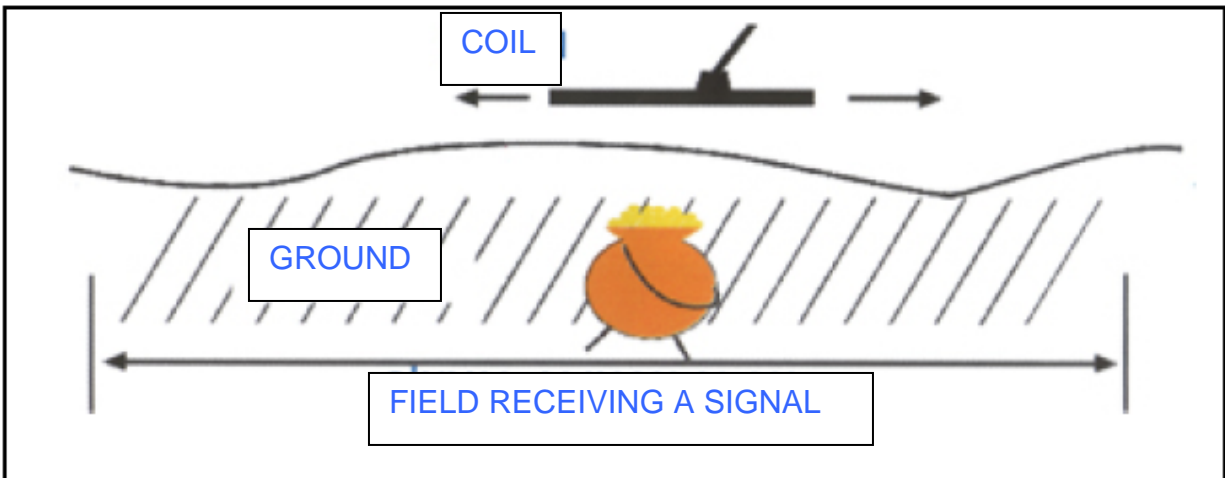


Front Panel of TS44 Detector and Functions of Buttons

- 1- ON/OFF BUTTON: It enables to turn on and off the device.
- 2- SOIL CALIBRATION: It eliminates any mineral and metallic effects in the round.
- 3- SOIL SELECTION BUTTON: It enables to store the soil structure and soil calibration by 6 level soil calibration memory buttons in the memory. Thus, you don't need to conduct a soil calibration again in lands you went to before. This button is used for direct searches.
- 4- STEEL MODE: Through its ability to distinguish steel, that is, metal mixtures, once it detects this kind of metal material, this LED lightens, instead of giving a misleading signal. It never mislead the operator.
- 5- SOIL SELECTION: It enables to store the soil structure and soil calibration by 6 level soil calibration memory buttons in the memory. Thus, you don't need to conduct a soil calibration again in lands you went to before.
- 6- CAVITY DETECTION: It indicates any covered cavities under the ground (graves, room vaults, etc.).
- 7- "READY" LED: After a soil calibration is conducted, this LED blinks stably, and indicates that the detector is ready. The operator may know condition of the device easily by seeing this LED. Furthermore, while you carry our any research in separation mode, once you come on any worthless metal material, this LED extinguishes and indicates whether this metal material under the ground is gold or a worthless metal material.
- 8- "METAL" LEDS: While it is prepared for searching, the detector, and a soil calibration is conducted depending on mineral structure of the soil, on which it is located, it gives a number of signals. You notice existence of such signals through the lightening of these LEDs. Until these LEDs extinguish, such soil calibration is not deemed having completed. Once any metal material is detected in general search mode, this LEDs lighten.
- 9- "WORTHY" LEDS: Once you come on any metal material, if these LEDs lighten, they inform you of that this metal material is worthy (e.g. Silver, Aluminum, Copper, etc.) (See 5 for "GOLD" LEDs).

- 10- "GOLD" LEDS: When gold is detected only, TS 44, which is an extremely ambitious detector on gold separation, turns these LEDS, and warns the operator with a light and voice tone.
- 11- METAL CALIBRATION BUTTON: It determines any position as you desire to search.
- 12- LEDS: These LEDS inform charge status of the battery and whether the detector is on.
- 13- GENERAL SEARCH LED: You may a search operation in this mode. In general search mode, your device shall detect all metal materials and, if any, all cavities in the ground without distinguishing them.
- 14- FRAME: It is frame of the detector head.
- 15- SEPARATION LEDS: While your device operates in this position, they shall omit any worthless metal materials, and display any metal materials clearly as Worthy, Steel and Gold. If you come on any worthless metal material or cavity, the detector shall turn the "READY" LED off, and display that there is a metal material in any place, where you are.
- 16- BATTERY TEST BUTTON: With this button, you may charge status of the battery on the detector.
- 17- METAL (+) BUTTON: It is used to eliminate any metal minerals under the ground while conducting a soil calibration.
- 18- MEMORY BUTTON: It helps the detector to store any kind of soils in the memory.
- 19- CAVITY (-) BUTTON: It is used to eliminate any cavities under the ground while conducting a soil calibration.
- 20- SOIL SELECTION LEDS: They indicate type of soils you recorded in lands you went to before.

TS44 Depth Detection of Detector



TS44 The Detector detects size and depth of the metal material under the ground in best way.

TS44 Technical Specifications of Detector

- TS 44 Detector is a type having a maximum depth;
- Adapts any kind of soil;
- Have an ability of distinguishing metal materials clearly;
- Giving an ability of reflecting type, size and depth of metal materials to LEDs and display after they are evaluated by an operator;
- Have an ability of distinguishing any materials by voices and LEDs in different tones in each function;
- Has an automatic soil calibration memory,
- Has a facilitated ground calibrated system;
- Has an ability of passing a signal over hard formations such as marble, rock, concrete, asphalt, brickdust, etc.;
- Has an ability of find out compressed cavities under the ground (graves, covered caves, vaults, etc.);
- Has a special system that does not incur any depth loss in wet and damp soils;
- Has a deep head of 43 cm in diameter (susceptible to small metal materials);

- Has an ability of conduct searches interruptedly for 8 hours through its durable and chargeable battery;
- Has a headphone system to prevent others from hearing the device;
- Has a 6 level soil calibration memory;
- Is not affected by minerals in the soil; and
- Have an ability of reflecting any metal materials detected by it deeply to LEDs and display without incurring and depth loss.

T.S 44 SUPERIOR CHARACTERISTICS OF METAL SEARCH DETECTOR

It is a detector having superior characteristics designed to enable operators to search any materials easily and properly as a result of R&D activities carried out carefully by Sismik Elektronik.

This device, which adapts perfectly to land conditions, is manufactured to have a soil calibration system.

It never gives any fake signal through its automatic soil calibration system however variable structure of the soil is and however much minerals the soil has.

Through its light frame, ergonomic design and operation comfort, is user-friendly in everlasting searches.

It has a large capacity, distinguishes any metal materials so deeply from the point it detects them first, and never misleads the operator.

It omits any minerals in the soil, and orientates operators directly to the metal materials. It is a unique detector may distinguish any type of metal materials (steel, bolts, tins, etc.) not distinguished by other detectors as well as it may distinguish the metal materials clearly as worthy, worthless and gold.

It detects any metal materials in still and slow flowing brooks without incurring any depth loss and immersing its head into water. It detects any parts such as cubes, tiles, etc., and does not omit them and give a misleading warning.

When it detects any formations such as marble, rock, concrete, asphalt, brickdust, etc., it may give a signal, and has an ability of detecting distinguishing any cavity and metal materials in them.

Briefly, TS 44 is a device, which may be understand easily under land conditions, and ensure advanced customer satisfaction to search practically. It is a best device in its class. It never gives a misleading signal. It is user-friendly.

We provide anybody, who shall purchase TS 44 Detector, with free on-site promotion and training. This training and promotion shall be more persuasive on efficiency of your detector.