TS80/TS82

USERS MANUAL

BODY SCANNER METAL DETECTOR

Important Information:

Please read and understand this instruction booklet before using the scanner.

Introduction:

This body scanner /metal detector is ideal for use at airports, industrial sites, government building, schools, hospitals, conferences, sport events, or anywhere you need security. It sounds a high-pitched tone whenever it detects metal. It's sensitive enough to detect metal objects in the size of 25 cents (USD).You can also charge the battery in the Body Scanner / Metal Detector.

How to install the Battery

This body scanner / metal detector requires one 9V(6F22)battery for power. We recommend using an alkaline battery.

Notes:

If you use a rechargeable battery, you must charge it before operation.
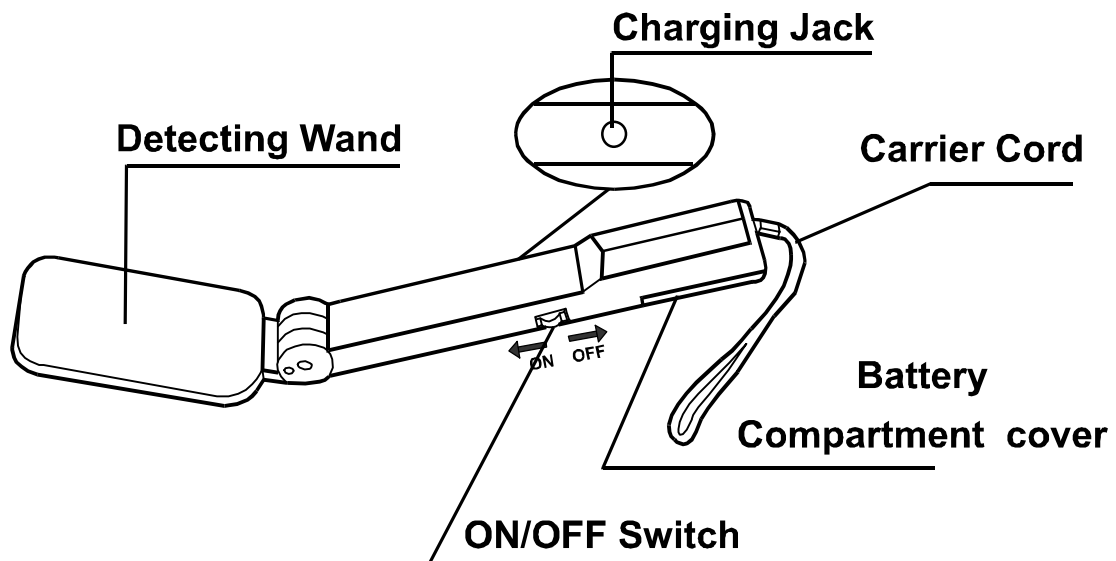See "Charging a Nickel-Cadmium Battery".
Never leave an exhausted battery in the Body Scanner.
If you do not plan to use the Body Scanner for several days, please remove the battery.

Installing the battery

1. Open the battery compartment cover

2. Carefully remove the old battery and insert a new one. (Make sure the battery is connected in proper polarities, otherwise it could damage the scanner).Close the battery compartment cover.

When the battery voltage is low, the built-in buzzer will sound. This recommends you to replace the battery.If the battery you use is a rechargeable one, you must charge it. (You need an AC adapter, which supplies 9-12 volts DC voltage and delivers at least 20 milliamps current, and of which the center tip is set to the positive(+) end and the plug is correctly fit the Body Scanner's charging jack. Using an improper AC adapter may damage the Body Scanner or the AC adapter.

Charging Jack

Detecting Wand

Carrier Cord

ON   OFF

Battery Compartment cover

ON/OFF Switch

⚠️ **Warning:** Do not try to recharge alkaline or other non-rechargeable batteries. Otherwise, they might explode.

Charging a Nickel Cadmium battery

1. Set the ON/OFF switch to OFF position.
2. Insert the AC adapter's plug into the charging jack of the Body Scanner .
3. Plug the other end of the AC adapter into a standard AC outlet.
4. Charge the battery for about 14~16 hours.
5. Unplug the AC adapter from the AC outlet first. Then unplug it from the charging jack.

Note:
Fully discharge the Nickel-Cadmium battery before recharging it.

Important information

When the battery is exhausted, please recycle it or dispose it properly.

How to use the Body Scanner

1. Set the ON/OFF switch to ON position to turn the Body Scanner on, or to OFF to turn it off. When it is turned off, the built-in buzzer will beep once for a few seconds. This is normal. To conserve battery life, always make sure the Body scanner is off when it is not in use.

2. Before using the Body Scanner, set the ON/OFF switch to ON position and test a metal object (such as steel tube) to make sure the operation of the Body Scanner is normal. Scan smoothly and evenly. It will sound a high-pitched tone whenever it detects metal objects.

Maintenance

This Body Scanner is an example of superior design and craftsmanship. The following suggestions will help you care for the Body Scanner.

1. Keep the Body Scanner dry. If it gets wet, wipe it dry immediately. Liquids containing minerals may corrode the electronic circuit.

2. Handle the Body Scanner gently and carefully. Dropping it may damage the electronic circuits board and cases and cause the Body Scanner to work improperly.

3. Use and store the Body Scanner in normal room temperature environments. Otherwise, the life of electronic devices and plastic parts will be shortened.

4. Keep the Body Scanner clean and wipe it with a damp cloth periodically. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the Body Scanner.

5. Modifying or tampering with the internal parts of the Body Scanner can cause a malfunction.

Specifications

Specifications		TS80/TS82
Sensitivity	25 cents (USD)	60mm
	Iron pipe-tube (Φ20mm)	120mm
Operating current		<20mA (<5mA for TS80A)
Power		9V IEC 6F22 NEDA1604 (Low battery alert)
Operating temperature		-10°C~50°C
Length		400mm(operating) 260mm(storing)
Dimensions of detecting wand		Φ135 mm (for TS80); 130x70 mm (for TS82)
Weight		230g (not including battery)