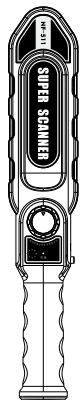


## Hand-held metal detector

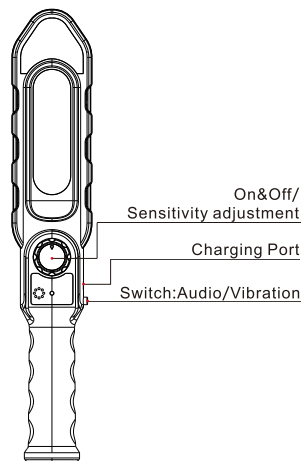
NF-511



⚠ Please read the complete instructions before attempting any testing.

## OVERVIEW

NF-511 hand-held metal detector uses 1400mA polymer lithium battery, which brings long battery life. It has lighter and easier appearance and structure, higher detection sensitivity and more accurate and convenient sensitivity adjustment.







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## Application

- Electronic detection of airports, stations and terminals
- Security inspections by customs, public security, border defense and security departments;
- Inspection of metal impurities in factory incoming materials and finished products
- Safety inspection of important places, sports fields and examination rooms
- Precious metal testing, such as gold and silver jewelry factory

## Testing distance

	
Screw 2-3cm	Blade 3-5cm
	
Mobile Phone About 10cm	Fruit Knife About 15cm

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## ⚠ Warning

- Please turn off the power after using.
- Please take out the battery if the instrument is not use for a long time so as to prevent that the battery liquid is leaked in future.
- It alarms only if sweeps or closing to the objects detected.

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## Instruction

1. Power on: Turn the knob clockwise to hear the "beep" sound, and the indicator light is green, that means the power is on. If the indicator light is off, the power is not connected. Please check if the battery is in good contact or not. If the alarm continues, the battery is too low. Please use it after charging.

2. Metal detection: Turn on the instrument and take it to sweep around the object to be tested. When a metal object is detected, the instrument will give an alarm and the indicator will turn red. Moving the instrument away from the metal object will automatically stop the alarm.

3. Sensitivity adjustment: Turn the knob to directly adjust the sensitivity of the instrument. The sensitivity of clockwise rotation increases, and the sensitivity of counterclockwise rotation decreases.

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## Technical indexes

Battery type	1400mA polymer lithium
Tone Frequency	28KHz
Stand-by current	< 10mA
Working current	< 80mA
Working temperature	-10~65°C
Storage temperature	-10°C~70°C
Dimension(LxWxD)	400x65x40mm
Sensitivity adjustment	√
Audio ( Buzzer )	√
Vibration	√
Low battery prompt	√

## Packing list

1	Main tester(Built-in battery)	1set
2	Usb cable	1pc
3	User manual	1pc

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## FAQ

Issues	Cause of the issues	Recommended solution
Can not detect metals	Sensitivity is too low	Adjust the sensitivity increases and retest
alarm every where	Sensitivity is so high that detect other objects	Adjust the sensitivity decreases and retest
no audio when detecting metals	In vibration mode	switch the mode
no vibration when detecting metals	In audio mode	
Continuous alarm	the battery is too low	Please use it after charging
The indicator light is off	the battery is too low	please charging the battery
	the battery is not contacted	contacted the battery
	the battery is damaged	/
False alarm when shaking the machine	Loose metal objects such as screws in the instrument	/
The indicator light is on ,but the instrument can not work	Poor contact of the probe coil	/
	circuit failure	/
The indicator light is off ,but the instrument can work	the indicator light is damaged	/

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The indicator light is not red but it has audio alarm when detecting	the indicator light is damaged	/
The indicator light is red but it doesn't has audio or vibration alarm when detecting	the buzzer is damaged the vibration is damaged the switch is damaged	/
Unable to switch sound/vibration	the switch is damaged	/
the instrument can not be charged	the charging port is not good contacted	check the charging port is contacted or not
	USB cable is damaged	replace a good USB cable
	the battery is not contacted	contacted the battery
Please contact us if you have any other questions.		

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