

Wall Pipe Blockage Detector

WALL PIPE BLOCKAGE DETECTOR





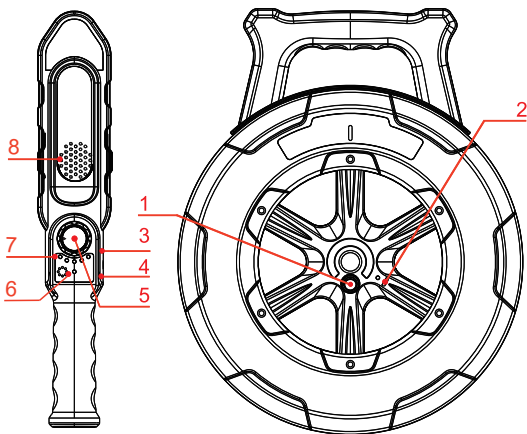
**Please read the safety precautions
before using or repairing this equipment.**

- After use, please turn off the power supply
- Because the device uses electromagnetic for detection, there may be noise interference when it is close to the electric wire, electronic devices or electric radiation
- When detecting metal pipes, the detection distance will be reduced due to electromagnetic shielding(the detection distance of 3mm thick iron pipe is about 15-20cm)
- If the blockage is found, please take back the detecting cable before digging
- Please use standard 5V power adapter and micro_ USB cable to charges the instrument.
- If it is not used for a long time, please keep it after full charge. It is recommended to charge the battery once every half a year to protect the instrument battery and prolong the service life.

Overview

The instrument can be used in all kinds of scenarios, caused by various reasons of iron pipe, PVC pipe, Plastic pipe, cement pipe, steel pipe, copper pipe and other metal and non-metal pipe blockage.

Quick and accurate positioning of the plugging point of the pipeline buried in the cement wall, floor and land.



1	OFF/ON	2	Charging port
3	Charging port	4	Headphone jack
5	Sensitivity adjustment	6	Power light
7	Signal light *5 charging port	8	Horn hole

1. Functional features

1.1 The emitter

- Probe self-check function: automatically detect the probe after starting up. Open circuit: one short beep "di" prompts short circuit: two short beep "di" prompts normal; one long beep "di" prompts long beep, and the probe enters the working mode.
- Charging indicator function: red light when charging, green light when full.
- Low power alarm and battery protection function: low voltage (3.6V) green light flashing alarm ultra-low pressure (3.2V), the instrument automatically shuts down to protect the battery.
- Automatic shutdown function, automatic shutdown after 1 hour, to prevent forgetting to shut down resulting in power depletion

1.2 Receiver

- Power detection function: automatically detect the battery power turning on, represented by 5 LED lights, all on means full power



- Charging indicator function: the red light is always on during charging; Full, always green



- Power alert function:

Normal power: green light is always on and low voltage (3.6V), green light 1 second slow flashing alarm, ultra-low pressure (3.2V), the green light flashes for 3 seconds and then turns off to protect the battery

- Automatic shutdown function:

Automatic shutdown after 30 minutes, to prevent forgetting to shut down resulting in power depletion.

- Indicating function of signal intensity:

The signal lamp can accurately indicate the signal intensity, and has the function of brightness adjustment

- The detection range is adjustable from 5 cm to 50cm

2.Specifications

Emitter	Model	NF-5130
	Tube Lamp	30M
	Applications	PVC/plastic/steel/copper/cement/iron tube
	Power supply	18650 Lithium battery 2600mAh
	Working frequency	300Hz
	Working Hour	10H
	Working temperature	10~40°C
	Size	300x360x45mm
	Weight	1500g

Receiver	Sensitivity adjustment	Yes
	Distance range	Non-pipe pipe:0~40cm, metal-pipe: 0~ 15cm
	Power supply	Lithium1400mAh
	Working frequency	300Hz
	Working Hour	5H
	Working Temperature	10~40°C
	Size	65x360x40mm
	Storage Temperature	-10°C~50°C
	Voice Indication	Yes

3.How to use the product

3.1 Turn on and off the transmitter

- Press the power button for 2 seconds in the off state, when the power indicator is green, otherwise it will be turned off
- Receiver: turn the knob clockwise to power on the battery in the first 2 seconds after power on, using 5 LED to represent the battery, all of which are fully charged

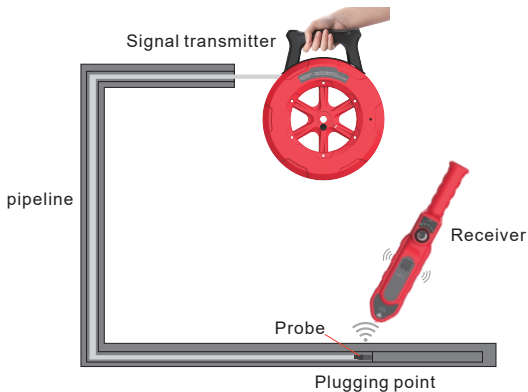
3.2 Pre-use inspection

- Transmitter: turn on and spin the probe out for a while, and the probe is at a distance from the transmitter.
- Receiver: power on to the maximum sensitivity, put the receiver close to the transmitter probe, if the receiver emits a strong signal sound, it means that the instrument is normal, such as the receiver does not make sound or the sound is very low, the probe needs to be replaced.

3.3 Start detection (figure 3-1)

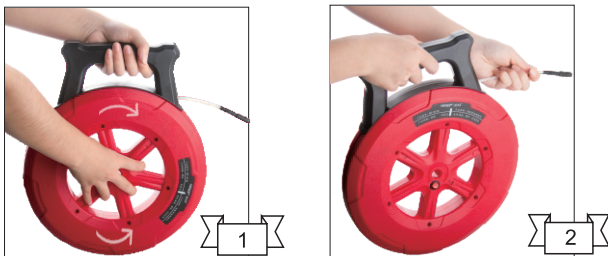
- Transmitter: put the transmitter probe into the pipe, turn the transmitter turntable handle line into the pipe, until the emitter pipeline feels the resistance and cannot go further into the pipeline, then the position of the transmitter probe is the blocking position.
- Receiver: adjust the receiver sensitivity to the maximum, move the receiver transmitter probe closer along the pipe, the stronger the signal received, the more signal strength indicator lights up, the louder the tone.
- The strongest signal is the blocking point. In some usage scenarios, there may be ambient noise, so that the sound emitted by the receiver cannot be heard clearly and headphones can be used to work.

Tips: use high sensitivity, quickly locate the approximate position of the plugging point, and then adjust the sensitivity to locate the plugging point accurately.



(figure 3-1)

3.4 Outgoing / unwinding method



1. Correct exit / take-up: turn the wheel clockwise / counterclockwise with the right hand after lifting the instrument with the left hand.

2. Wrong take-out / take-up: lifting the instrument with the left hand and pulling the wire out with the right hand and pushing the wire in will cause the pipeline to get tuck or even break

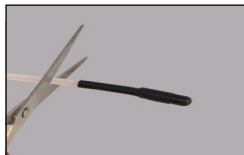
4. Probe replacement method



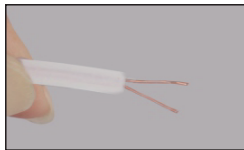
1. Remove the parts to replace the probe

1	502 glue	2	Large heat shrinkable tube
3	Protective sleeve	4	Small heat shrinkable tube
5	Thin copper tube	6	Probe

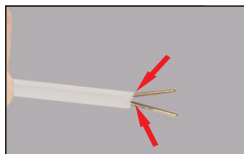
2. Use the tool to subtract the damaged probe part of the signal receiver.



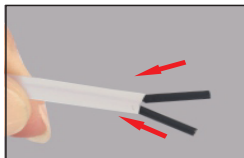
3. Peel off the 5mm of the signal wire (remove the rubber from the fiber core).



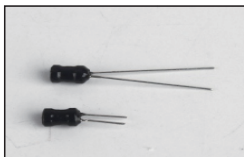
4. Put on a thin copper pipe and tighten it with pliers near the bottom of the thread



5. Put on the small heat-shrinkable pipe respectively



6. Cut the probe connection to the length 5mm



7. Insert the probe and clamp the thin copper pipe with pliers and put the heat shrinkable pipe up and down



8. Bake the heat-shrinkable pipe with a lighter



9. Put on the protective cover and drop 502 glue



10. Put on a large heat shrinkable pipe lighter



11.Complete probe replacement



5. Packing list

1	Transmitter (lithium battery)	1ps
2	Receiver (lithium battery)	1ps
3	Double head charging line	1 piece
4	Earphone	1 pair
5	Transmitter Probe Accessories	6sets
6	502 glue	1 branch
7	operating instruction	1 piece
8	Certificate / Warranty Card	1 piece

6.Product usage scenarios



7.Simple fault description

Fault phenomenon	Possible causes of failure	Suggested solutions
Machine can not turn on (the light is not on after boot)	Receiver battery poor contact	Please check number battery interface
	Low battery power	Please charge and test again
Receiver silence or shorter detection distance	The receiver is sensitive and low	Please adjust the sensitivity and test again
	The receiver is too far from the transmitt	Please approach the launcher for further testing
	Launcher not activated	Check the transmitter for boot
	Transmitter probe damaged	Replace probe
Non-signal noise from receiver	Strong electromagnetic interference nearby	Test to empty areas of useless appliances
	The charger may cause electromagnetic interference to the machine	Do not use the machine while charging
Non-signal noise from receiver	Poor contact with charging interface	Please check the charging line is in good contact
	Damage to charging line	Please change the line and test again
	Receiver battery contact poor	Please plug in the battery interface
Power indicator flashing	Low battery power	Please charge and test again
If the above-mentioned failure occurs, or above solution is invalid, please contact the customer to resolve it		

**FCC statement:**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Disposal information:

This product is subject to the provision of European Directive 2012/19/EU. The symbol showing a wheeled bin crossed

through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices.

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Détecteur de blocage

TUYAU MURAL DÉTECTEUR DE BLOCAGE





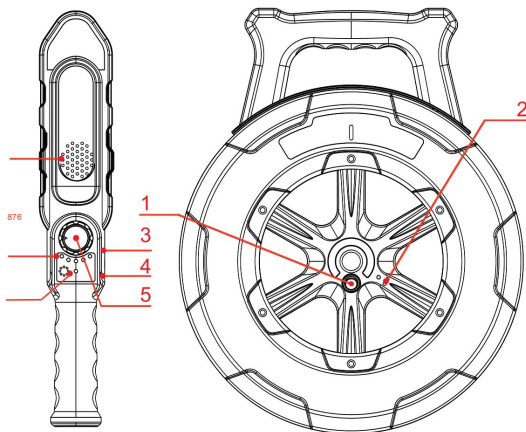
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- After use, please turn off the power supply
- Because the device uses electromagnetic for detection, there may be noise interference when it is close to the electric wire, electronic devices or electric radiation
- When detecting metal pipes, the detection distance will be reduced due to electromagnetic shielding(the detection distance of 3mm thick iron pipe is about 15-20cm)
- If the blockage is found, please take back the detecting cable before digging
- Please use standard 5V power adapter and micro_ USB cable to charges the instrument.
- If it is not used for a long time, please keep it after full charge. It is recommended to charge the battery once every half a year to protect the instrument battery and prolong the service life.

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The instrument can be used in all kinds of scenarios, caused by various reasons of iron pipe, PVC pipe, Plastic pipe, cement pipe, steel pipe, copper pipe and other metal and non-metal pipe blockage.

Quick and accurate positioning of the plugging point of the pipeline buried in the cement wall, floor and land.



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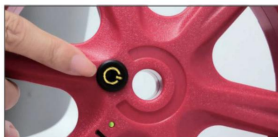
1. Functional features

1.1 The emitter

- Probe self-check function: automatically detect the probe after starting up. Open circuit: one short beep "di" prompts short circuit: two short beep "di" prompts normal; one long beep "di" prompts long beep, and the probe enters the working mode.
- Charging indicator function: red light when charging, green light when full.
- Low power alarm and battery protection function: low voltage (3.6V) green light flashing alarm ultra-low pressure (3.2V), the instrument automatically shuts down to protect the battery.
- Automatic shutdown function, automatic shutdown after 1 hour, to prevent forgetting to shut down resulting in power depletion

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Automatic shutdown after 30 minutes, to prevent forgetting to shut down resulting in power depletion.

- Indicating function of signal intensity:

The signal lamp can accurately indicate the signal intensity, and has the function of brightness adjustment

- The detection range is adjustable from 5 cm to 50cm

2.Specifications

Emitter	Model	NF-5130
	Tube Lamp	30M
	Applications	PVC/plastic/steel/copper/cement/iron tube
	Power supply	18650 Lithium battery 2600mAh
	Working frequency	300Hz
	Working Hour	10H
	Working temperature	10~40°C
	Size	300x360x45mm
	Weight	1500g

Receiver	Sensitivity adjustment	Yes
	Distance range	Non-pipe pipe:0~40cm, metal-pipe: 0~ 15cm
	Power supply	Lithium1400mAh
	Working frequency	300Hz
	Working Hour	5H
	Working Temperature	10~40°C
	Size	65x360x40mm
	Storage Temperature	-10°C~50°C
	Voice Indication	Yes

3.How to use the product

3.1 Turn on and off the transmitter

- Press the power button for 2 seconds in the off state, when the power indicator is green, otherwise it will be turned off
- Receiver: turn the knob clockwise to power on the battery in the first 2 seconds after power on, using 5 LED to represent the battery, all of which are fully charged

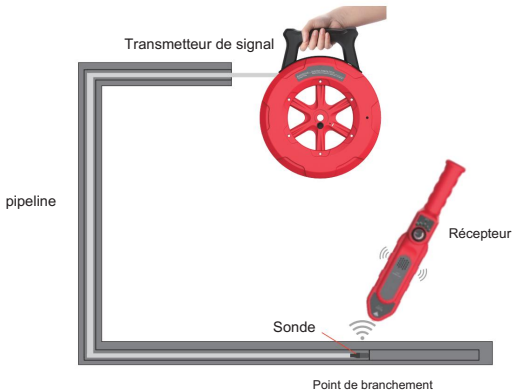
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- Transmitter: turn on and spin the probe out for a while, and the probe is at a distance from the transmitter.
- Receiver: power on to the maximum sensitivity, put the receiver close to the transmitter probe, if the receiver emits a strong signal sound, it means that the instrument is normal, such as the receiver does not make sound or the sound is very low, the probe needs to be replaced.

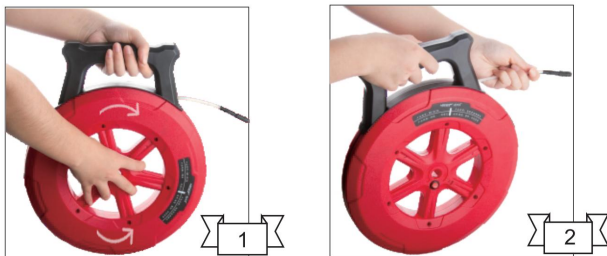
3.3 Start detection (figure 3-1)

- Transmitter: put the transmitter probe into the pipe, turn the transmitter turntable handle line into the pipe, until the emitter pipeline feels the resistance and cannot go further into the pipeline, then the position of the transmitter probe is the blocking position.
- Receiver: adjust the receiver sensitivity to the maximum, move the receiver transmitter probe closer along the pipe, the stronger the signal received, the more signal strength indicator lights up, the louder the tone.
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Tips: use high sensitivity, quickly locate the approximate position of the plugging point, and then adjust the sensitivity to locate the plugging point accurately.



3.4 Outgoing / unwinding method



1. Correct exit / take-up: turn the wheel clockwise / counterclockwise with the right hand after lifting the instrument with the left hand.

2. Wrong take-out / take-up: lifting the instrument with the left hand and pulling the wire out with the right hand and pushing the wire in will cause the pipeline to get tuck or even break

4. Probe replacement method



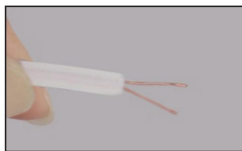
1. Remove the parts to replace the probe

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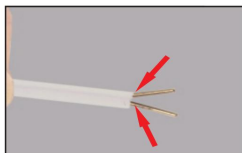
2. Use the tool to subtract the damaged probe part of the signal receiver.



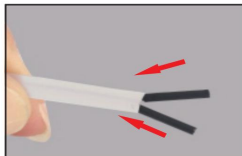
3. Peel off the 5mm of the signal wire (remove the rubber from the fiber core).



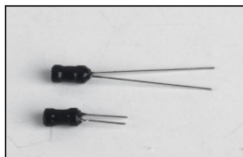
4. Put on a thin copper pipe and tighten it with pliers near the bottom of the thread.



5. Put on the small heat-shrinkable pipe respectively.



6. Cut the probe connection to the length 5mm



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Fault phenomenon	Possible causes of failure	Suggested solutions
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Power indicator flashing	Low battery power	Please charge and test again
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Déclaration de la



FCC : Cet appareil est conforme à la partie 15 des règles de la FCC. Son fonctionnement est soumis aux deux conditions suivantes :

(1) Cet appareil ne doit pas provoquer d'interférences nuisibles et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant provoquer un fonctionnement indésirable.

Informations sur l'élimination :

Ce produit est soumis aux dispositions de la directive européenne 2012/19/UE.



Le symbole représentant une poubelle à roulettes barrée indique que le produit doit faire l'objet d'une collecte sélective des déchets dans l'Union européenne. Cela s'applique au produit et à tous les accessoires marqués de ce symbole. Les produits marqués comme tels ne peuvent pas être jetés avec les ordures ménagères normales, mais doivent être déposés dans un point de collecte pour le recyclage des appareils électriques et électroniques.

Wandrohr Blockadedetektor

WANDROHR BLOCKIERUNGSMELDER





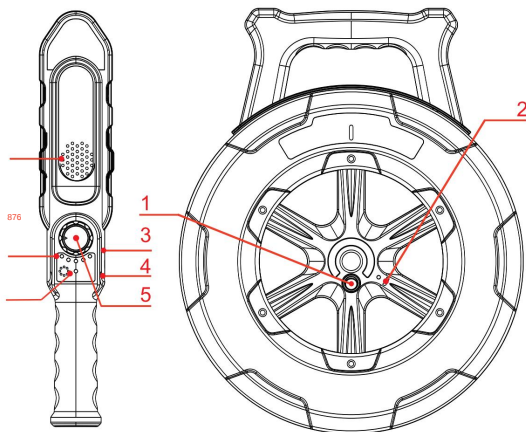
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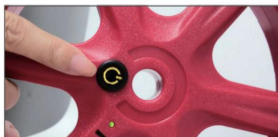
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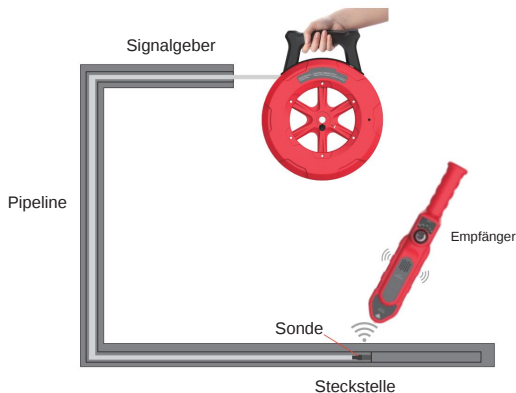
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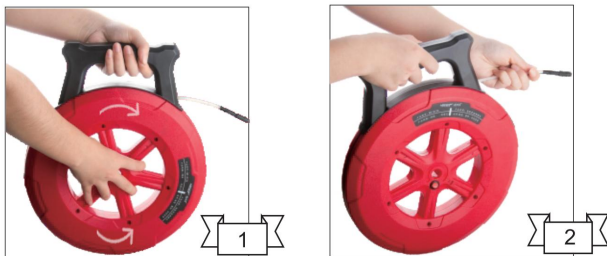
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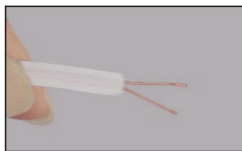
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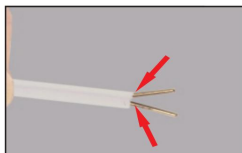
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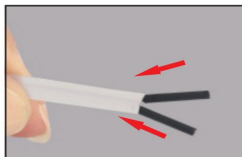
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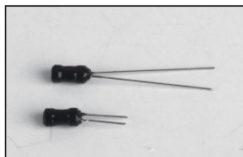
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6.Product usage scenarios



7.Simple fault description

Fault phenomenon	Possible causes of failure	Suggested solutions
Machine can not turn on (the light is not on after boot)	Receiver battery poor contact	Please check number battery interface
	Low battery power	Please charge and test again
Receiver silence or shorter detection distance	The receiver is sensitive and low	Please adjust the sensitivity and test again
	The receiver is too far from the transmitter	Please approach the launcher for further testing
	Launcher not activated	Check the transmitter for boot
	Transmitter probe damaged	Replace probe
Non-signal noise from receiver	Strong electromagnetic interference nearby	Test to empty areas of useless appliances
	The charger may cause electromagnetic interference to the machine	Do not use the machine while charging
Non-signal noise from receiver	Poor contact with charging interface	Please check the charging line is in good contact
	Damage to charging line	Please change the line and test again
	Receiver battery contact poor	Please plug in the battery interface
Power indicator flashing	Low battery power	Please charge and test again
If the above-mentioned failure occurs, or above solution is invalid, please contact the customer to resolve it		

FCC-Erklärung:



Dieses Gerät entspricht Teil 15 der FCC-Regeln. Der Betrieb unterliegt den folgenden beiden Bedingungen:

(1) Dieses Gerät darf keine schädlichen Störungen verursachen und (2) dieses Gerät muss alle empfangenen Störungen akzeptieren, einschließlich Störungen, die einen unerwünschten Betrieb verursachen können.

Entsorgungshinweis: Dieses

Produkt unterliegt den Bestimmungen der europäischen Richtlinie 2012/19/EU.



Das Symbol einer durchgestrichenen Mülltonne weist darauf hin, dass dieses Produkt in der Europäischen Union einer getrennten Müllentsorgung unterliegt. Dies gilt für das Produkt und alle mit diesem Symbol gekennzeichneten Zubehörteile. So gekennzeichnete Produkte dürfen nicht im normalen Hausmüll entsorgt werden, sondern müssen an einer Sammelstelle für das Recycling von elektrischen und elektronischen Geräten abgegeben werden.

Tubo a parete

Rilevatore di ostruzioni

TUBO A PARETE RILEVATORE DI BLOCCO





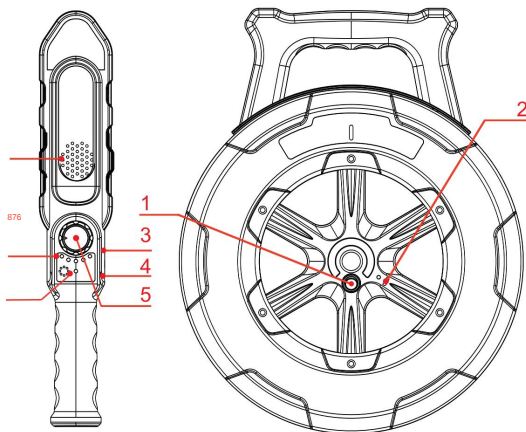
**Please read the safety precautions
before using or repairing this equipment.**

- After use, please turn off the power supply
- Because the device uses electromagnetic for detection, there may be noise interference when it is close to the electric wire, electronic devices or electric radiation
- When detecting metal pipes, the detection distance will be reduced due to electromagnetic shielding(the detection distance of 3mm thick iron pipe is about 15-20cm)
- If the blockage is found, please take back the detecting cable before digging
- Please use standard 5V power adapter and micro_ USB cable to charges the instrument.
- If it is not used for a long time, please keep it after full charge. It is recommended to charge the battery once every half a year to protect the instrument battery and prolong the service life.

Overview

The instrument can be used in all kinds of scenarios, caused by various reasons of iron pipe, PVC pipe, Plastic pipe, cement pipe, steel pipe, copper pipe and other metal and non-metal pipe blockage.

Quick and accurate positioning of the plugging point of the pipeline buried in the cement wall, floor and land.



1	OFF/ON	2	Charging port
3	Charging port	4	Headphone jack
5	Sensitivity adjustment	6	Power light
7	Signal light *5 charging port	8	Horn hole

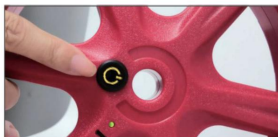
1. Functional features

1.1 The emitter

- Probe self-check function: automatically detect the probe after starting up. Open circuit: one short beep "di" prompts short circuit: two short beep "di" prompts normal; one long beep "di" prompts long beep, and the probe enters the working mode.
- Charging indicator function: red light when charging, green light when full.
- Low power alarm and battery protection function: low voltage (3.6V) green light flashing alarm ultra-low pressure (3.2V), the instrument automatically shuts down to protect the battery.
- Automatic shutdown function, automatic shutdown after 1 hour, to prevent forgetting to shut down resulting in power depletion

1.2 Receiver

- Power detection function: automatically detect the battery power turning on, represented by 5 LED lights, all on means full power



- Charging indicator function: the red light is always on during charging; Full, always green



- Power alert function:

Normal power: green light is always on and low voltage (3.6V), green light 1 second slow flashing alarm, ultra-low pressure (3.2V), the green light flashes for 3 seconds and then turns off to protect the battery

- Automatic shutdown function:

Automatic shutdown after 30 minutes, to prevent forgetting to shut down resulting in power depletion.

- Indicating function of signal intensity:

The signal lamp can accurately indicate the signal intensity, and has the function of brightness adjustment

- The detection range is adjustable from 5 cm to 50cm

2.Specifications

Emitter	Model	NF-5130
	Tube Lamp	30M
	Applications	PVC/plastic/steel/copper/cement/iron tube
	Power supply	18650 Lithium battery 2600mAh
	Working frequency	300Hz
	Working Hour	10H
	Working temperature	10~40°C
	Size	300x360x45mm
	Weight	1500g

Receiver	Sensitivity adjustment	Yes
	Distance range	Non-pipe pipe:0~40cm, metal-pipe: 0~ 15cm
	Power supply	Lithium1400mAh
	Working frequency	300Hz
	Working Hour	5H
	Working Temperature	10~40°C
	Size	65x360x40mm
	Storage Temperature	-10°C~50°C
	Voice Indication	Yes

3.How to use the product

3.1 Turn on and off the transmitter

- Press the power button for 2 seconds in the off state, when the power indicator is green, otherwise it will be turned off
- Receiver: turn the knob clockwise to power on the battery in the first 2 seconds after power on, using 5 LED to represent the battery, all of which are fully charged

3.2 Pre-use inspection

- Transmitter: turn on and spin the probe out for a while, and the probe is at a distance from the transmitter.
- Receiver: power on to the maximum sensitivity, put the receiver close to the transmitter probe, if the receiver emits a strong signal sound, it means that the instrument is normal, such as the receiver does not make sound or the sound is very low, the probe needs to be replaced.

3.3 Start detection (figure 3-1)

- Transmitter: put the transmitter probe into the pipe, turn the transmitter turntable handle line into the pipe, until the emitter pipeline feels the resistance and cannot go further into the pipeline, then the position of the transmitter probe is the blocking position.
- Receiver: adjust the receiver sensitivity to the maximum, move the receiver transmitter probe closer along the pipe, the stronger the signal received, the more signal strength indicator lights up, the louder the tone.
- The strongest signal is the blocking point. In some usage scenarios, there may be ambient noise, so that the sound emitted by the receiver cannot be heard clearly and headphones can be used to work.

Tips: use high sensitivity, quickly locate the approximate position of the plugging point, and then adjust the sensitivity to locate the plugging point accurately.

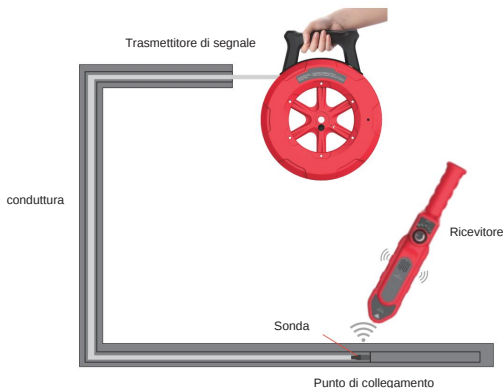


figura 3-1

3.4 Outgoing / unwinding method



1. Correct exit / take-up: turn the wheel clockwise / counterclockwise with the right hand after lifting the instrument with the left hand.

2. Wrong take-out / take-up: lifting the instrument with the left hand and pulling the wire out with the right hand and pushing the wire in will cause the pipeline to get tuck or even break

4. Probe replacement method



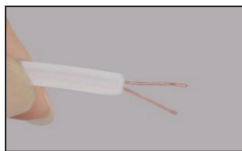
1. Remove the parts to replace the probe

1	502 glue	2	Large heat shrinkable tube
3	Protective sleeve	4	Small heat shrinkable tube
5	Thin copper tube	6	Probe

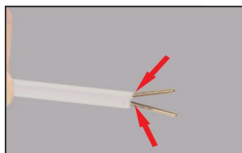
2. Use the tool to subtract the damaged probe part of the signal receiver.



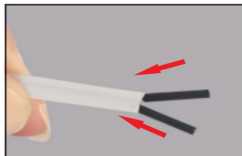
3. Peel off the 5mm of the signal wire (remove the rubber from the fiber core).



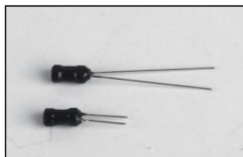
4. Put on a thin copper pipe and tighten it with pliers near the bottom of the thread.



5. Put on the small heat-shrinkable pipe respectively.



6. Cut the probe connection to the length 5mm



7. Insert the probe and clamp the thin copper pipe with pliers and put the heat shrinkable pipe up and down



8. Bake the heat-shrinkable pipe with a lighter



9. Put on the protective cover and drop 502 glue



10. Put on a large heat shrinkable pipe lighter



11.Complete probe replacement



5. Packing list

1	Transmitter (lithium battery)	1ps
2	Receiver (lithium battery)	1ps
3	Double head charging line	1 piece
4	Earphone	1 pair
5	Transmitter Probe Accessories	6sets
6	502 glue	1 branch
7	operating instruction	1 piece
8	Certificate / Warranty Card	1 piece

6.Product usage scenarios



7.Simple fault description

Fault phenomenon	Possible causes of failure	Suggested solutions
Machine can not turn on (the light is not on after boot)	Receiver battery poor contact	Please check number battery interface
	Low battery power	Please charge and test again
Receiver silence or shorter detection distance	The receiver is sensitive and low	Please adjust the sensitivity and test again
	The receiver is too far from the transmitters	Please approach the launcher for further testing
	Launcher not activated	Check the transmitter for boot
	Transmitter probe damaged	Replace probe
Non-signal noise from receiver	Strong electromagnetic interference nearby	Test to empty areas of useless appliances
	The charger may cause electromagnetic interference to the machine	Do not use the machine while charging
Non-signal noise from receiver	Poor contact with charging interface	Please check the charging line is in good contact
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	Receiver battery contact poor	Please plug in the battery interface
Power indicator flashing	Low battery power	Please charge and test again
If the above-mentioned failure occurs, or above solution is invalid, please contact the customer to resolve it		

Dichiarazione FCC:



Questo dispositivo è conforme alla Parte 15 delle Norme FCC. Il funzionamento è soggetto alle due condizioni seguenti:

(1) Questo dispositivo non può causare interferenze dannose e (2) questo dispositivo deve accettare qualsiasi interferenza ricevuta, comprese le interferenze che possono causare un funzionamento indesiderato.

Informazioni sullo

smaltimento: Questo prodotto è soggetto alle disposizioni della Direttiva europea 2012/19/UE. Il simbolo raffigurante un bidone della spazzatura



barrato indica che il prodotto richiede la raccolta differenziata nell'Unione Europea. Ciò si applica al prodotto e a tutti gli accessori contrassegnati con questo simbolo. I prodotti contrassegnati come tali non possono essere smaltiti

con i normali rifiuti domestici, ma devono essere portati in un punto di raccolta per il riciclaggio di dispositivi elettrici ed elettronici.

Tubo de pared
Detector de bloqueos

TUBO DE PARED DETECTOR DE BLOQUEOS





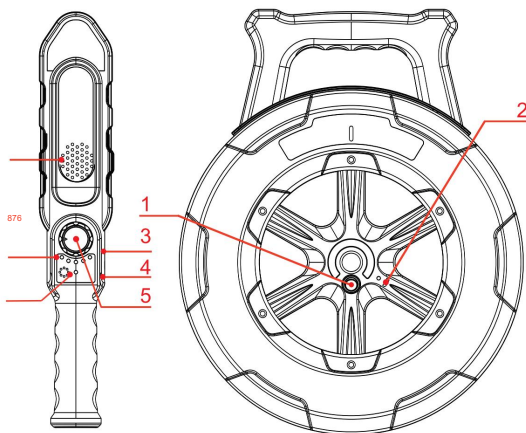
**Please read the safety precautions
before using or repairing this equipment.**

- After use, please turn off the power supply
- Because the device uses electromagnetic for detection, there may be noise interference when it is close to the electric wire, electronic devices or electric radiation
- When detecting metal pipes, the detection distance will be reduced due to electromagnetic shielding(the detection distance of 3mm thick iron pipe is about 15-20cm)
- If the blockage is found, please take back the detecting cable before digging
- Please use standard 5V power adapter and micro_ USB cable to charges the instrument.
- If it is not used for a long time, please keep it after full charge. It is recommended to charge the battery once every half a year to protect the instrument battery and prolong the service life.

Overview

The instrument can be used in all kinds of scenarios, caused by various reasons of iron pipe, PVC pipe, Plastic pipe, cement pipe, steel pipe, copper pipe and other metal and non-metal pipe blockage.

Quick and accurate positioning of the plugging point of the pipeline buried in the cement wall, floor and land.



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5	Sensitivity adjustment	6	Power light
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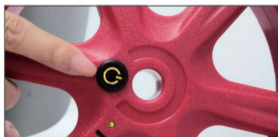
1. Functional features

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- Probe self-check function: automatically detect the probe after starting up. Open circuit: one short beep "di" prompts short circuit: two short beep "di" prompts normal; one long beep "di" prompts long beep, and the probe enters the working mode.
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- The detection range is adjustable from 5 cm to 50cm

2.Specifications

Emitter	Model	NF-5130
	Tube Lamp	30M
	Applications	PVC/plastic/steel/copper/cement/iron tube
	Power supply	18650 Lithium battery 2600mAh
	Working frequency	300Hz
	Working Hour	10H
	Working temperature	10~40°C
	Size	300x360x45mm
	Weight	1500g

Receiver	Sensitivity adjustment	Yes
	Distance range	Non-pipe pipe:0~40cm, metal-pipe: 0~ 15cm
	Power supply	Lithium1400mAh
	Working frequency	300Hz
	Working Hour	5H
	Working Temperature	10~40°C
	Size	65x360x40mm
	Storage Temperature	-10°C~50°C
	Voice Indication	Yes

3.How to use the product

3.1 Turn on and off the transmitter

- Press the power button for 2 seconds in the off state, when the power indicator is green, otherwise it will be turned off
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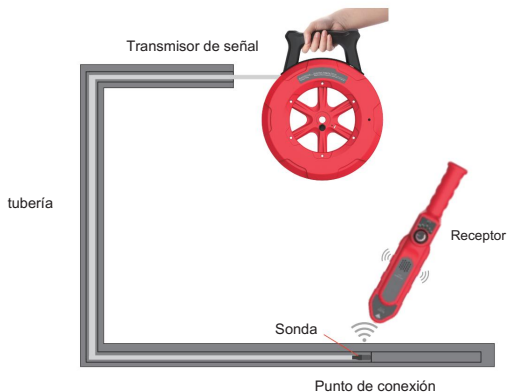


figura 3-1

3.4 Outgoing / unwinding method



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4. Probe replacement method



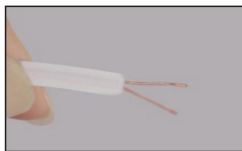
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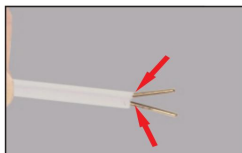
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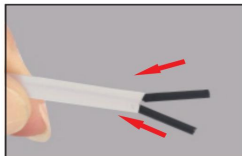
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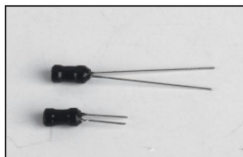
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If the above-mentioned failure occurs, or above solution is invalid, please contact the customer to resolve it		

Declaración de la



FCC: Este dispositivo cumple con la Parte 15 de las Normas de la FCC. Su funcionamiento está sujeto a las dos condiciones siguientes:

(1) Este dispositivo no puede causar interferencias dañinas y (2) este dispositivo debe aceptar cualquier interferencia recibida, incluida aquella que pueda causar un funcionamiento no deseado.

Información sobre eliminación:



Este producto está sujeto a las disposiciones de la Directiva europea 2012/19/UE. El símbolo que muestra un contenedor de basura tachado indica que el producto requiere una recogida selectiva de residuos en la Unión

Europea. Esto se aplica al producto y a todos los accesorios marcados con este símbolo. Los productos marcados como tales no pueden desecharse con

los residuos domésticos normales, sino que deben llevarse a un punto de recogida para reciclar dispositivos eléctricos y electrónicos.

Rura ścienna Detektor blokad

RURA ŚCIENNA DETEKTOR ZATORÓW





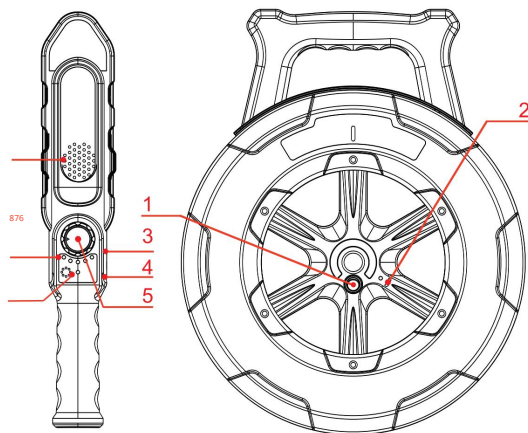
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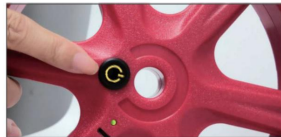
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	Distance range	Non-pipe pipe:0~40cm, metal-pipe: 0~ 15cm
	Power supply	Lithium1400mAh
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	Storage Temperature	-10°C~50°C
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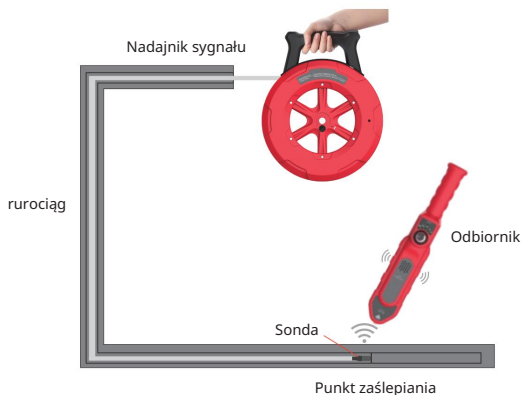
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(rysunek 3-1)

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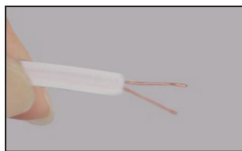
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5	Thin copper tube	6	Probe

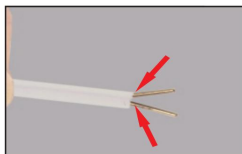
2. Use the tool to subtract the damaged probe part of the signal receiver.



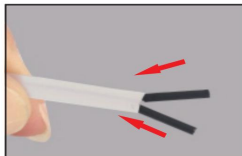
3. Peel off the 5mm of the signal wire (remove the rubber from the fiber core).



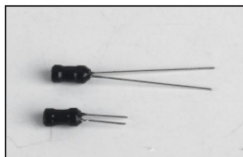
4. Put on a thin copper pipe and tighten it with pliers near the bottom of the thread



5. Put on the small heat-shrinkable pipe respectively



6. Cut the probe connection to the length 5mm



7. Insert the probe and clamp the thin copper pipe with pliers and put the heat shrinkable pipe up and down



8. Bake the heat-shrinkable pipe with a lighter



9. Put on the protective cover and drop 502 glue



10. Put on a large heat shrinkable pipe lighter



11.Complete probe replacement



5. Packing list

1	Transmitter (lithium battery)	1ps
2	Receiver (lithium battery)	1ps
3	Double head charging line	1 piece
4	Earphone	1 pair
5	Transmitter Probe Accessories	6sets
6	502 glue	1 branch
7	operating instruction	1 piece
8	Certificate / Warranty Card	1 piece

6.Product usage scenarios



7.Simple fault description

Fault phenomenon	Possible causes of failure	Suggested solutions
Machine can not turn on (the light is not on after boot)	Receiver battery poor contact	Please check number battery interface
	Low battery power	Please charge and test again
Receiver silence or shorter detection distance	The receiver is sensitive and low	Please adjust the sensitivity and test again
	The receiver is too far from the transmitt	Please approach the launcher for further testing
	Launcher not activated	Check the transmitter for boot
	Transmitter probe damaged	Replace probe
Non-signal noise from receiver	Strong electromagnetic interference nearby	Test to empty areas of useless appliances
	The charger may cause electromagnetic interference to the machine	Do not use the machine while charging
Non-signal noise from receiver	Poor contact with charging interface	Please check the charging line is in good contact
	Damage to charging line	Please change the line and test again
	Receiver battery contact poor	Please plug in the battery interface
Power indicator flashing	Low battery power	Please charge and test again
If the above-mentioned failure occurs, or above solution is invalid, please contact the customer to resolve it		

Oświadczenie FCC:



To urządzenie jest zgodne z częścią 15 przepisów FCC. Jego działanie podlega następującym dwóm warunkom:

(1) Urządzenie to nie może powodować szkodliwych zakłóceń oraz (2) musi akceptować wszelkie odbierane zakłócenia, w tym zakłócenia, które mogą powodować niepożądane działanie.

Informacje dotyczące utylizacji:



Ten produkt podlega przepisom europejskiej dyrektywy 2012/19/UE. Symbol przedstawiający przekreślony kosz na śmieci na kółkach oznacza, że produkt wymaga oddzielnej zbiórki odpadów w Unii Europejskiej. Dotyczy to produktu i wszystkich akcesoriów oznaczonych tym symbolem. Produktów oznaczonych w ten sposób nie można wyrzucać razem ze zwykłymi odpadami domowymi, ale należy je oddać do punktu zbiórki w celu recyklingu urządzeń elektrycznych i elektronicznych.

Muurpijp Blokkadedetector

MUURBUIS VERSTOPPINGSDETECTOR





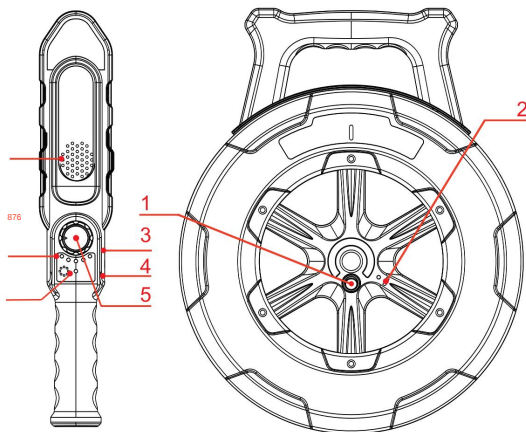
**Please read the safety precautions
before using or repairing this equipment.**

- After use, please turn off the power supply
- Because the device uses electromagnetic for detection, there may be noise interference when it is close to the electric wire, electronic devices or electric radiation
- When detecting metal pipes, the detection distance will be reduced due to electromagnetic shielding(the detection distance of 3mm thick iron pipe is about 15-20cm)
- If the blockage is found, please take back the detecting cable before digging
- Please use standard 5V power adapter and micro_ USB cable to charges the instrument.
- If it is not used for a long time, please keep it after full charge. It is recommended to charge the battery once every half a year to protect the instrument battery and prolong the service life.

Overview

The instrument can be used in all kinds of scenarios, caused by various reasons of iron pipe, PVC pipe, Plastic pipe, cement pipe, steel pipe, copper pipe and other metal and non-metal pipe blockage.

Quick and accurate positioning of the plugging point of the pipeline buried in the cement wall, floor and land.



1	OFF/ON	2	Charging port
3	Charging port	4	Headphone jack
5	Sensitivity adjustment	6	Power light
7	Signal light *5 charging port	8	Horn hole

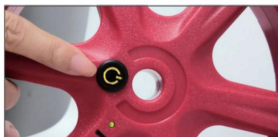
1. Functional features

1.1 The emitter

- Probe self-check function: automatically detect the probe after starting up. Open circuit: one short beep "di" prompts short circuit: two short beep "di" prompts normal; one long beep "di" prompts long beep, and the probe enters the working mode.
- Charging indicator function: red light when charging, green light when full.
- Low power alarm and battery protection function: low voltage (3.6V) green light flashing alarm ultra-low pressure (3.2V), the instrument automatically shuts down to protect the battery.
- Automatic shutdown function, automatic shutdown after 1 hour, to prevent forgetting to shut down resulting in power depletion

1.2 Receiver

- Power detection function: automatically detect the battery power turning on, represented by 5 LED lights, all on means full power



- Charging indicator function: the red light is always on during charging; Full, always green



- Power alert function:

Normal power: green light is always on and low voltage (3.6V), green light 1 second slow flashing alarm, ultra-low pressure (3.2V), the green light flashes for 3 seconds and then turns off to protect the battery

- Automatic shutdown function:

Automatic shutdown after 30 minutes, to prevent forgetting to shut down resulting in power depletion.

- Indicating function of signal intensity:

The signal lamp can accurately indicate the signal intensity, and has the function of brightness adjustment

- The detection range is adjustable from 5 cm to 50cm

2.Specifications

Emitter	Model	NF-5130
	Tube Lamp	30M
	Applications	PVC/plastic/steel/copper/cement/iron tube
	Power supply	18650 Lithium battery 2600mAh
	Working frequency	300Hz
	Working Hour	10H
	Working temperature	10~40°C
	Size	300x360x45mm
	Weight	1500g

Receiver	Sensitivity adjustment	Yes
	Distance range	Non-pipe pipe:0~40cm, metal-pipe: 0~ 15cm
	Power supply	Lithium1400mAh
	Working frequency	300Hz
	Working Hour	5H
	Working Temperature	10~40°C
	Size	65x360x40mm
	Storage Temperature	-10°C~50°C
	Voice Indication	Yes

3.How to use the product

3.1 Turn on and off the transmitter

- Press the power button for 2 seconds in the off state, when the power indicator is green, otherwise it will be turned off
- Receiver: turn the knob clockwise to power on the battery in the first 2 seconds after power on, using 5 LED to represent the battery, all of which are fully charged

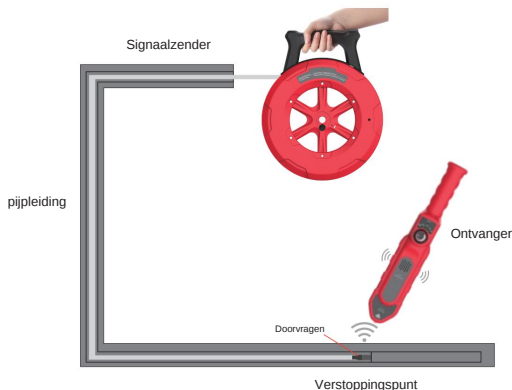
3.2 Pre-use inspection

- Transmitter: turn on and spin the probe out for a while, and the probe is at a distance from the transmitter.
- Receiver: power on to the maximum sensitivity, put the receiver close to the transmitter probe, if the receiver emits a strong signal sound, it means that the instrument is normal, such as the receiver does not make sound or the sound is very low, the probe needs to be replaced.

3.3 Start detection (figure 3-1)

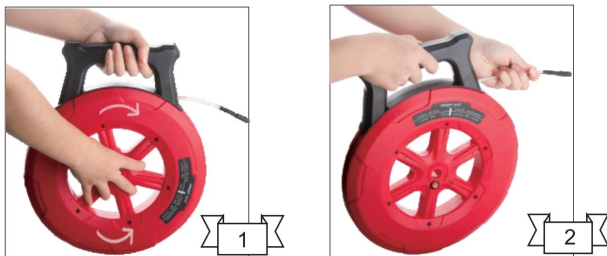
- Transmitter: put the transmitter probe into the pipe, turn the transmitter turntable handle line into the pipe, until the emitter pipeline feels the resistance and cannot go further into the pipeline, then the position of the transmitter probe is the blocking position.
- Receiver: adjust the receiver sensitivity to the maximum, move the receiver transmitter probe closer along the pipe, the stronger the signal received, the more signal strength indicator lights up, the louder the tone.
- The strongest signal is the blocking point. In some usage scenarios, there may be ambient noise, so that the sound emitted by the receiver cannot be heard clearly and headphones can be used to work.

Tips: use high sensitivity, quickly locate the approximate position of the plugging point, and then adjust the sensitivity to locate the plugging point accurately.



(figuur 3-1)

3.4 Outgoing / unwinding method



1. Correct exit / take-up: turn the wheel clockwise / counterclockwise with the right hand after lifting the instrument with the left hand.

2. Wrong take-out / take-up: lifting the instrument with the left hand and pulling the wire out with the right hand and pushing the wire in will cause the pipeline to get tuck or even break

4. Probe replacement method



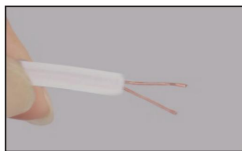
1. Remove the parts to replace the probe

1	502 glue	2	Large heat shrinkable tube
3	Protective sleeve	4	Small heat shrinkable tube
5	Thin copper tube	6	Probe

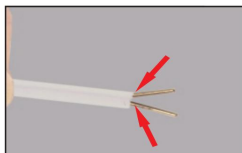
2. Use the tool to subtract the damaged probe part of the signal receiver.



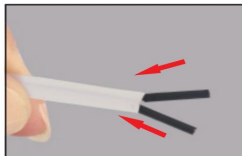
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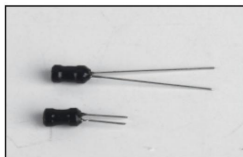
4. Put on a thin copper pipe and tighten it with pliers near the bottom of the thread.



5. Put on the small heat-shrinkable pipe respectively.



6. Cut the probe connection to the length 5mm



7. Insert the probe and clamp the thin copper pipe with pliers and put the heat shrinkable pipe up and down



8. Bake the heat-shrinkable pipe with a lighter



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11.Complete probe replacement



5. Packing list

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7.Simple fault description

Fault phenomenon	Possible causes of failure	Suggested solutions
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	Receiver battery contact poor	Please plug in the battery interface
Power indicator flashing	Low battery power	Please charge and test again
If the above-mentioned failure occurs, or above solution is invalid, please contact the customer to resolve it		

FCC-verklaring: Dit



apparaat voldoet aan Deel 15 van de FCC-regels. De werking is onderworpen aan de volgende twee voorwaarden:

(1) Dit apparaat mag geen schadelijke interferentie veroorzaken en (2) dit apparaat moet alle ontvangen interferentie accepteren, inclusief interferentie die ongewenste werking kan veroorzaken.

Informatie over verwijdering:



Dit product is onderworpen aan de bepalingen van de Europese richtlijn 2012/19/EU. Het symbool met een doorgestreepte afvalbak geeft aan dat het product in de Europese Unie gescheiden afvalinzameling vereist. Dit geldt voor het product en alle accessoires die met dit symbool zijn gemarkeerd.

Producten die als zodanig zijn gemarkeerd, mogen niet met het normale huishoudelijke afval worden weggegooid, maar moeten worden ingeleverd bij een inzamelpunt voor recycling van elektrische en elektronische apparaten.

Väggrör Blockeringsdetektor

VÄGGRÖR BLOCKADETEKTOR





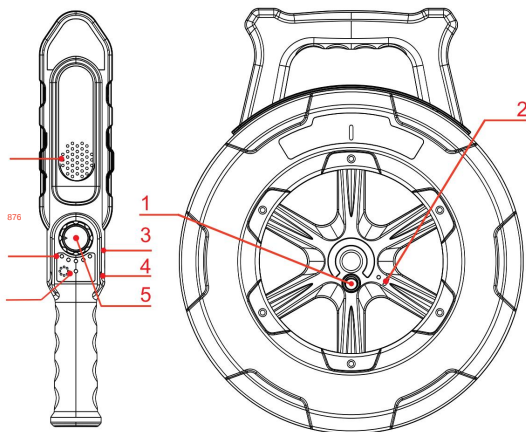
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- Please use standard 5V power adapter and micro_ USB cable to charges the instrument.
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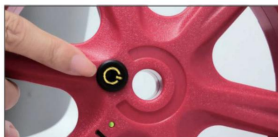
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Emitter	Model	NF-5130
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	Power supply	18650 Lithium battery 2600mAh
	Working frequency	300Hz
	Working Hour	10H
	Working temperature	10~40°C
	Size	300x360x45mm
	Weight	1500g

Receiver	Sensitivity adjustment	Yes
	Distance range	Non-pipe pipe:0~40cm, metal-pipe: 0~ 15cm
	Power supply	Lithium1400mAh
	Working frequency	300Hz
	Working Hour	5H
	Working Temperature	10~40°C
	Size	65x360x40mm
	Storage Temperature	-10°C~50°C
	Voice Indication	Yes

3.How to use the product

3.1 Turn on and off the transmitter

- Press the power button for 2 seconds in the off state, when the power indicator is green, otherwise it will be turned off
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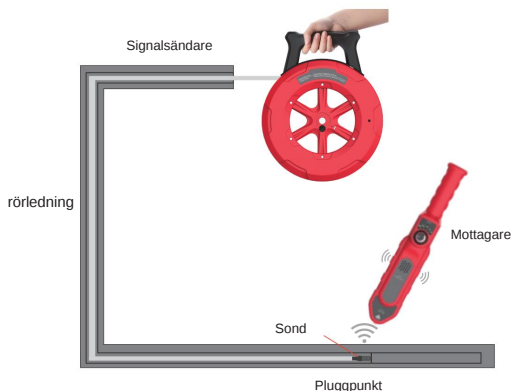
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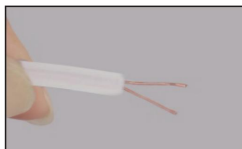
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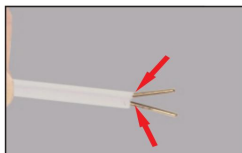
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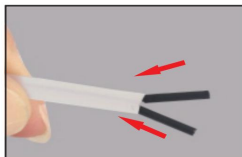
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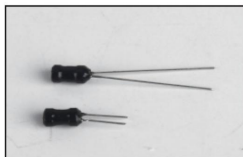
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Power indicator flashing	Low battery power	Please charge and test again
If the above-mentioned failure occurs, or above solution is invalid, please contact the customer to resolve it		

FCC-uttalande:



Denna enhet överensstämmer med del 15 av FCC-reglerna. Driften är föremål för följande två villkor:

(1) Denna enhet får inte orsaka skadliga störningar, och (2) denna enhet måste acceptera alla mottagna störningar, inklusive störningar som kan orsaka oönskad funktion.

Information om

avfallshantering: Denna produkt omfattas av bestämmelserna i det europeiska direktivet 2012/19/EU. Symbolen som visar en soptunna korsad anger att produkten kräver separat sophämtning i EU. Detta gäller för produkten och alla tillbehör märkta med denna symbol. Produkter märkta som sådana får inte slängas tillsammans med vanligt hushållsavfall, utan måste lämnas till en insamlingsplats för återvinning av elektriska och elektroniska apparater.



