

Simplified Ground Penetrating Radar
preventing an erroneous cutting

TR-1

Product specification / Model : TR-1

General specification	
Operating temperature	-10° C ~ +50° C
Material	Shock-resistant plastic
Size (stored)	340 mm (H) X 860 mm (L) X 510 mm (W)
Size (handle deployed)	820 mm ~ 1185 mm (H) X 1085 mm ~ 1290 mm (L) X 510 mm (W)
Weight	17 kg
Waterproof performance	Drip-proof
Power source	
Rechargeable battery	Dedicated 16.4 V lithium ion battery
Standard voltage	14.4 V
Battery life	3 ~ 5 hours
External power source	AC100 V ~ 220 V
Charging time	2 ~ 6 hours
Exploration specification	
Seachable depth	50 mm ~ 1500 mm *
Width measuring	350 mm
Data collection speed	Walking speed around 4 km/hour
Usable frequency	135 MHz ~ 835 MHz
Measurement of the object	Metal pipe, Resin pipe, Cable and Optical fiber
Accuracy of depth estimation	Normal measurement : ±100 mm High-sensitive output measurement : ±300 mm ~ 500 mm

*Specification may change without prior notice. Kindly ask for your understanding.

*The surrounding environment and quality of soil affects the measureable depth and the accuracy of depth estimation.

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- S** imply and precisely explore
- S** pecialize only in preventing an erroneous cutting
- E** xcellent road running performance
- L** ightweight



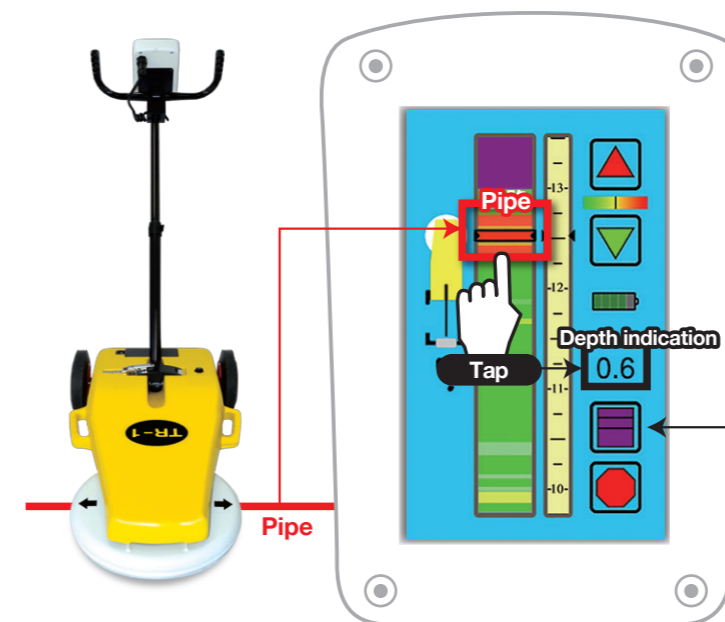
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- Prevention of erroneous cutting of the existing pipe at the time of excavation, cutter and pole construction work.
- Searching pipe in the road or factory site.
- Searching in the irregular terrain is possible, too.

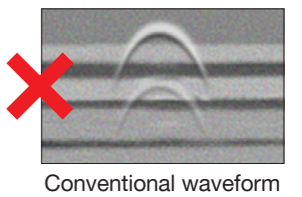


Specialize only in preventing an erroneous cutting
Displays the pipe line with red, yellow, green clearly.



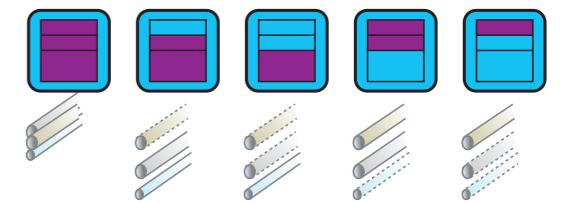
The depth estimate is displayed by tapping a cursor to the screen display of the buried object.

The display screen visualizes having pipe line or not under the ground with red, yellow and green.



Chronos masking function

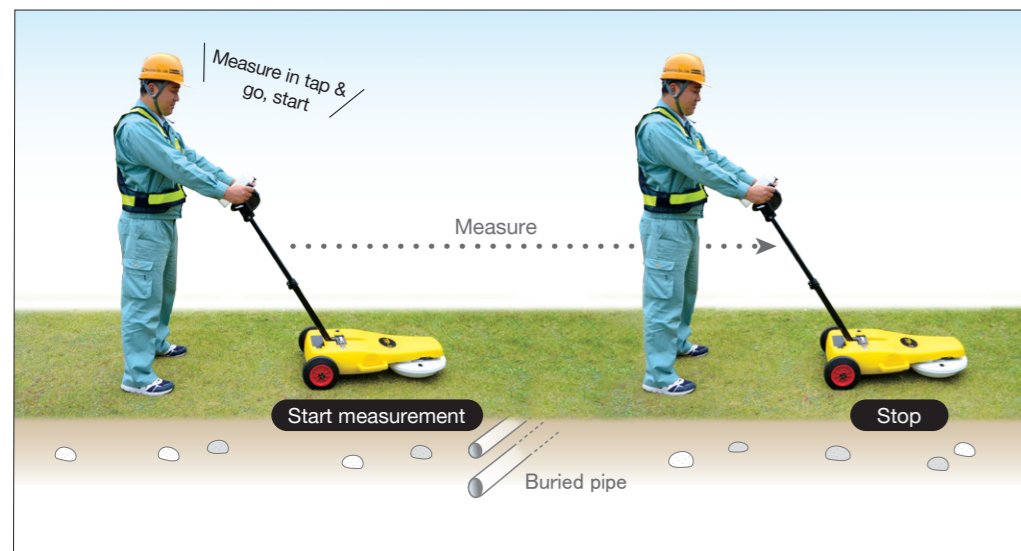
Identifying the pipe which is congeste to the vertical direction under the ground is possible.



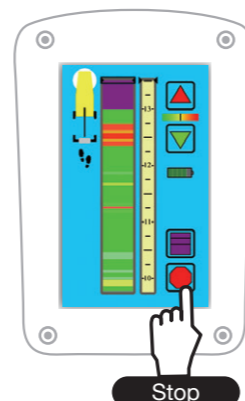
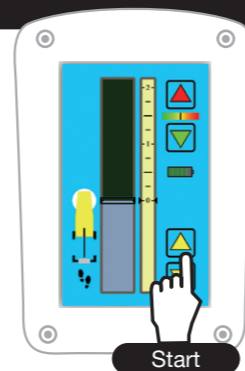
The masking level can be switched by only tapping the icon. Five kinds of level can be set, level 0 (no masking) to level four.

Simply and precisely explore

Tap , go straight ahead. Confirm the buried object, and push , and end of measurement. **Expert knowledge education is unnecessary.**



Seachable depth : 50 mm ~ 1500 mm/Width measuring : 350 mm

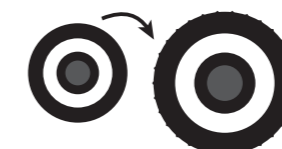


Excellent road running performance

Searching with lawn and unpaved (soil) is possible.



Easily exchange the tire.



The off-road specification is available as an option.

Lightweight

