



## Brief Introduction

● TUP Series image the subsurface wires, cables and pipes by the electronic magnetic wave transmission in non-destructive testing field. It provides precise pinpointing of buried services, which can be used in the field of petroleum and chemical, rock, soil, ice, fresh water, pavements and structures.

## Features

- Quick charge automatically
- Auto switch the signals of the output voltage and the output current
- DC-AC power conversion automatically
- Application of the high anti-interference technique
- Large and high resolution screen guarantees the clear display
- Auto functions of protection and adjustment
- Three-proofing design and modular structure for better reliability

## Technical Specification

Model	TUP100	TUP200	TUP300	TUP400
<b>Transmitter</b>				
Rated output	0-25W Adjustable	0-25W, Adjustment automatically, Servo control		0-30W,
Signal	Low frequency modulation signal			
Frequency	1K±0.1Hz	1KHz		
Output resistance	0-500Ω, Manually match	5-500Ω, Automatically match		5-1000Ω, Automatically match
Transmitting distance	0.03m-5Km Extension to further than 5Km gradually			0.03m-8Km, Extension to further than 8Km gradually
Working voltage	12V NiMh battery pack	12V Built-in NiMh battery pack		12.8V Built-in Li battery pack
Operating temp.	-10℃~+50℃		-20℃~+60℃	-30℃~+60℃
Control system	Analog signal	DSP+ Vector control, System update available		
Adjustment system	Numeric keypad		Numeric knob	Numeric keypad
Weight	2.8kg without battery	3.0kg with battery		7.0kg with battery
Dimension	255×255×100mm	276×227×98mm		456×335×133mm
<b>Pipe locator</b>				
Sensitivity	-56db	-65db	-85db	
Positional deviation	≤10cm	≤5cm		
Depth measurement	≤5m	≤8m		≤10m
Working voltage	9.6V NiMh battery pack			9.6V Li battery pack
Dimension	165×155×68mm	165×110×68mm		

**Standard Delivery**

● Tube-like probe	1
● Detecting cable	1
● Output cable	1
● Earth lead	1
● Ground rod	1
● File	1
● Magnet	1
● 220V power cord	1
● Power charger	1
● 1A fuse	1
● Instruction manual	1
● TIME certificate	1
● Warranty card	1