

TUP SERIES

UNDERGROUND PIPE AND CABLE LOCATOR



Standard Delivery

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

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
Transmitter				
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
Pipe locator				
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		
Holiday detector				
Accuracy	≥0.5mm		0.25mm	
Positional deviation	≤10cm	≤5cm		
Working voltage	9.6V NiMh battery pack			9.6V Li battery pack
Dimension	165×155×68mm	165×110×68mm		