

TFN A1200 Series Underground Pipeline Locator

High-power, multi-frequency, low-power consumption all-digital machine

With its superior performance and flexible and convenient detection methods, the A1200 series underground pipeline detector has won a large number of users in the fields of electricity, telecommunications, water supply, heat, gas, petroleum, chemical industry, urban utilities and other fields, and has become a popular choice in construction, acceptance, management and other fields. The preferred brand in China according to the online census has played a positive role in improving the pipeline management level of related industries in China.

TFN A1200 underground pipeline detector can be used to search for underground pipelines, and can detect the underground location and depth of various cables, optical cables, and metal pipes with a depth of more than 5 meters. The test is accurate and easy to use. It has been widely used in major oil fields across the country. It has been recognized by the majority of users and has a high reputation in the industry.



TFN A1200 multi-frequency, high-power, low-power pipeline locator is a new generation of powerful underground pipeline locator developed by TFN on the basis of functional pipeline detectors and distance pipeline detectors. Its design focuses on instrument accuracy and efficiency. It provides a wide frequency range, configures a powerful transmitter and a simple-to-operate receiver, and adopts multi-frequency detection technology to facilitate on-site operation. By selecting the best frequency, it can accurately locate underground pipelines. The instrument has a high degree of automation, so even non-professionals can obtain professional detection results.

- Large screen LCD full graphics display
 - 6W high power output, greater detection distance and depth
 - Multiple optional detection frequencies, wide range of applications
 - Professional narrowband filtering with the strongest anti-interference ability
 - Continuous automatic impedance matching without manual intervention
 - Multiple antennas, multiple channels, directly display cable burial depth
 - Comes with rechargeable battery, no need for mains power, easy for outdoor use
 - Finding cable paths for 50Hz operation
 - Built-in ohmmeter can measure loop resistance
 - Optional dry battery operation
 - Multimeter function: test the continuity and insulation quality of the cable
 - Fully guarantee the power supply time and save detection costs
- Suitable for detecting deeply buried and long-distance pipelines

Receiver

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|----------------------------|---|
| Active frequency | Low frequency, medium frequency, high frequency, radio frequency |
| Passive frequency | 50 ~ 60Hz |
| Depth range | 0 ~ 6M |
| Sound instructions | FM tones that vary with signal strength |
| Signal strength indicator | LCD display, sound prompt |
| Signal strength indication | Bar graph, digital range 0-999 |
| Gain dynamic range | 100db |
| Accuracy* | Low frequency, medium frequency: $\pm (1-5)\%$ High frequency, radio frequency: $\pm (5-12)\%$ *Depends on the site environment, the shape of non-concentric lines, the distribution of adjacent pipelines, etc. |
| LCD display | Digital signal and power display, operating frequency, depth, volume, left/right direction display |
| Battery | 6 AA rechargeable batteries, 8 hours of continuous operation |
| Battery status | Continuous display |
| Volume | 700 × 110 × 200mm |
| Weight | 2kg |

Transmitter



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| Output frequency | Low frequency, medium frequency, high frequency, radio frequency |
| Output mode | Direct connection, induction, coupling |
| Output power | Automatically adjusts with matching load 0.6~6 watts, resistance is 1-99999 ohms |
| LCD display | Automatic backlighting to display output energy, operating mode, self-test status, load resistance, etc. |
| Battery model | 6 No. 1 rechargeable batteries, continuous operation for 4-8 hours (depending on the selected frequency and power level) |
| Overheating and overcurrent | Automatic protection |
| Battery status | Continuous display |
| Charger | 220V, 50-60HZ; can be equipped with a car-mounted 12V independent charging device |
| Volume | 320 × 160 × 130mm |
| Weight | 4kg; |

Applicable Conditions

The TFN A1200 multi-frequency, high-power, low-power pipeline locator can work normally between -20° C and 50° C. The casing is sturdy, shock-resistant, and the structure is compact and solid.

Quality Assurance

Quality warranty within 18 months from the date of purchase by the customer

Basic configuration: 1 transmitter, 1 receiver, 1 set of rechargeable batteries, 2 chargers, 1 ground solder, 1 coupling clamp, and 1 coupling clamp cable

