

FUJI PIPE LINE AND CABLE LOCATOR

PL-3000

PL-3000 is a very user-friendly tool with a short learning time for both experienced and beginner personnel for detection of buried pipe and cables.

Three ways of pipe location indication (Vibration, LED light, Buzzer) makes it easier, clearer and safer the pipe location work.

Live cable detection mode (AC/AP mode) allows operators to find electric Cables buried underground.

Location detection and depth measurement for metallic pipe and cable can be easily done with this device.

Depth measurement method is push-button type.



Leak Detection and Locating Technologies

FUJI TECOM INC.

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Features

- Visual operation guide by the large LCD and keys arranged on panel is designed to help operators to choose a proper mode quickly without confusion at operation site.
- Vibratory system, LED lighting and beep sound allow operators to detect buried pipes clearer.
- Receiver weighs only 1.8kg. It prevents operators from getting tired during detection.
- Live cable detection mode (AC/CP mode) allows operators to find electric cables buried underground.
- Self-stand attachment included.
- Depth measurement method: Push-Button.
- Equipped with three different frequencies so that the operator can choose the ideal frequency for each site.

Components

- | | |
|------------------------------|--|
| •Standard Accessories | •Optional Accessories |
| •Transmitter | •External induction coil and cable |
| •Receiver | •Pole for external coil |
| •Ground stake | •External power supply cable |
| •Warning flag | •Cable drum with 50 meter cable
(For the loop cable mode) |
| •Direct mode cable | •Sonde (Small & Large) |
| •Soft carrying case | •Headphone |
| •Stand for Receiver | •Soft carrying case with earth function |

Detection Performance

- | | |
|--|---|
| •Location detection | •Depth detection |
| <Maximum method> | <Push-Key Type> |
| Depth (Less than 2m) : Less than $\pm 4\%$ | Depth(Less than 2m) : Less than $\pm 5\%$ |
| Depth (Over 2m) : Less than $\pm 6\%$ | Depth(Over 2m) : Less than $\pm 10\%$ |

Specification

•Transmitter

Frequency : 83kHz, 33kHz, 8kHz, MIX
Maximum output : 3.0W
Transmitting mode : CW (Non-modulation)
Power supply : DC12V – D size batteries x 8
DC12V – External power source
Power Rating : 12VA
Battery life : Induction Mode (Maximum output) = Approx. 8 hours
Direct Mode (Maximum output) = Approx. 3 hours
(In case of Level 4)= Approx. 8 hours
Usage environment : -10 ~ 55°C / Outdoor use (Altitude less than 2000m)

•Size and Weight

Transmitter : 288mm x 241mm x 105mm, 2.0 kg (with Batteries)
Receiver : 131mm x 280mm x 610mm, 2.1 kg (with Batteries)

•Receiver

Frequency : 83kHz, 33kHz, 8kHz
Radio Mode (15kHz ~ 25kHz)
AC/CP Mode (50 & 60Hz)
Level Change Display : Bar graph and pitch change in the LCD screen
(Display of reception level : 3 digit number display)
Depth measure : 3 digit number display on LCD screen
Current measure : 3 digit number value on LCD screen
Power supply : DC9V – AA size batteries x 6 (LR6 Dry Batteries x 6)
Power Rating : 2VA
Battery life : 8 hours (No signal)
5 hours (Volume: Large, Backlight: On)
Usage environment : -10 ~ 55°C / Outdoor use (Altitude less than 2000m)

The contents are subject to change without prior notice.



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