

# FUJI METAL PIPE AND CABLE LOCATOR

## *PL-2000*

PL-2000 is equipped with 3 different frequencies so that the operator can choose the best frequency for each site.

PL-2000 has the live cable mode that locates and distinguishes the live cable from other buried metallic line utilities.

The depth of buried metallic line utility is automatically measured and indicated on the LCD display by pressing the depth measurement key.

The visual guide to operate by the large LCD display and the keys arranged on one panel is designed to help the operator choose a correct mode quickly without a puzzle on site.

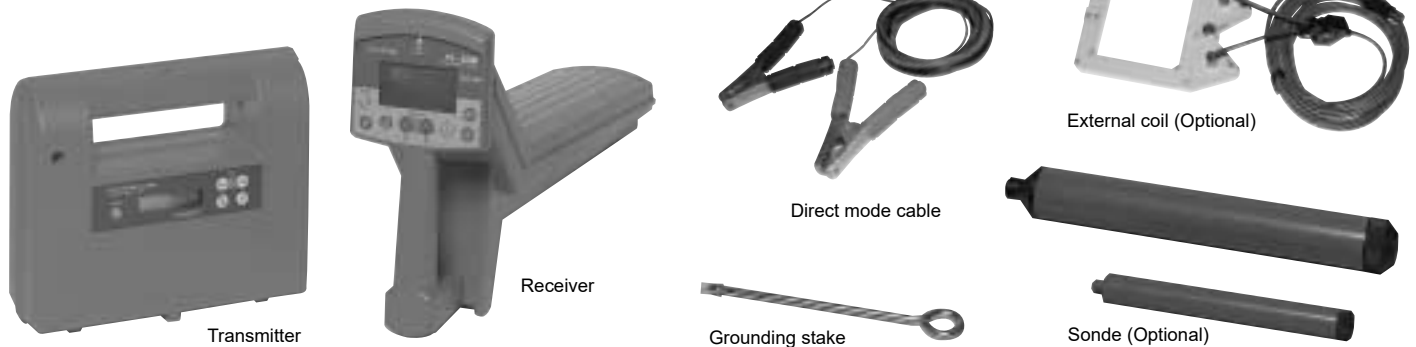


Instruments for the location of underground utilities and water leaks.

**FUJI TECOM INC.**

# FUJI METAL PIPE AND CABLE LOCATOR

## PL-2000



### FEATURES

- PL-2000 is equipped with the Single Coil Antenna to track a buried metallic line utility over a long distance and the Differential Coil Antenna to locate the same utility correctly.
- PL-2000 has the Radio Mode to track the buried metallic line utility but without using the power from the Transmitter when the induction magnetic field is existed on site.
- PL-2000 has the Maximum Mode indicating the position of the buried metallic line utility right upon it by the displays with the bar-graph and the numerical value between 000 to 100.
- PL-2000 has the Minimum Mode indicating the position of Receiver when it is positioned at the side of right or left to the buried metallic line utility.
- PL-2000 displays the sensitivity level changed in the step from 00 to 40 to the signal from the Transmitter.
- PL-2000 displays the current measure by the step from 000 to 100 which indicates if the depth of a buried object has been measured correctly.

### STANDARD EQUIPMENT

Transmitter .....	1
Receiver .....	1
Direct mode cable .....	1
Grounding stake (30cm) .....	1
Warning Flag .....	1
Soft carrying bag .....	1
Instruction manual .....	1

### OPTIONAL ACCESSORIES

External coil .....	1
Cable drum with 50 meter cable ...	1

### SPECIFICATIONS

- **TRANSMITTER**
  - Frequency : 27kHz, 8kHz, 0.5kHz
  - Output Power : 0.5W (Induction Mode)  
3.0W (Direct Mode)
  - Transmitting Mode : CW (Non-modulation)
  - Antenna : Single Coil Antenna
  - Power Supply : DC 12 Volts (LR20 Dry Battery×8)
  - Battery Life : More than 8 hours by continuous operation by use of the alkaline battery
  - Operation Temperature : -10°C ~ +50°C
  - Weight and Size : Approx. 2.5kg  
Approx. 288mm×241mm×105mm
- **RECEIVER**
  - Frequency : 27kHz, 8kHz, 0.5kHz  
15kHz~25kHz (Radio Mode)  
50Hz~500Hz (Live Cable Mode)
  - Antenna : Single Coil Antenna  
Differential Coil Antenna
  - Display : LCD
  - Depth Display : Value in 3 figures
  - Current Measure : Value in 3 figures
  - Power Supply : DC 9 Volts (LR6 Dry Battery×6)
  - Battery Life : More than 8 hours by continuous operation by use of the alkaline battery
  - Operation Temperature : -10°C ~ +50°C
  - Weight and Size : Approx. 2.0kg  
Approx. 131mm×280mm×610mm

### DETECTION ACCURACY

- Locating Accuracy : Within 4% to the depth of less than 2m in the Maximum Mode.  
Within 6% to the depth of 2m or more in the Maximum Mode.  
Within 15cm to the depth of 1m or less in the Minimum Mode.
- Depth Accuracy : Within 5% to the depth of less than 2m.  
Within 10% to the depth of 2m or more.
- Locating Distance : With Differential Coil Antenna  
Induction Mode = Approx. 370m  
Direct Mode = Approx. 660m

We reserve the right to change specifications without prior notice.



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