

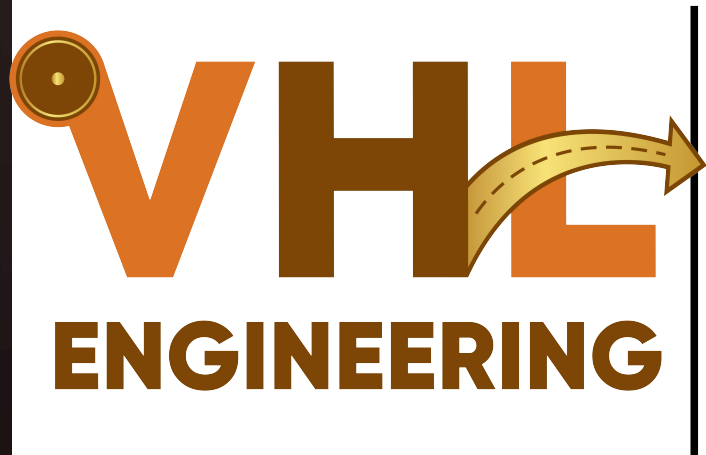


BORING HEAD LOCATING SYSTEM GUIDER 6 Plus

DUAL-FREQUENCY PROBE • RECIEVER • WIRELESS MONITOR

GUIDER 6 Plus™ is a seamlessly integrated system that provides the operator with information about the drilling head, including position, depth, pitch angle, roll and temperature.

The directional probe is contained inside the drilling head and sends real-time data about its location to the reciever, which is relayed to the monitor in the drilling vehicle wirelessly.



TAKACHIHO

Components and Specifications

The Guider 6 Plus system is comprised of three unique products

Probes

Auto power off function extends battery life. Choose between 3 kinds of probes depending on the needs of the construction site.

Transmitting frequencies
Power source
Battery life

38kHz, 9.5kHz, 14.4kHz
Two "C" alkaline batteries
10 hours (20° C / 69° F)
under continuous operation

Operating temperature
Dimensions
Weight (including batteries)

-20° to 60° C (-4° F to 140° F)
Φ 32 x 380mm (Φ 1.3 x 15.0 in.)
1.1kg (2.4 lb)

Receiver

The Guider 6 Plus receiver displays information such as location, pitch angle, roll angle, temperature, and depth of the probe.

Receiving frequencies
Power source
Graphic display
Accuracy of pitch
Resolution
Accuracy of depth

Operating temperature
Dimensions
Weight (including batteries)

38kHz, 9.5kHz, 14.4kHz
Six alkaline "C" batteries
Full color LCD panel
± 0.9% (± 0.5°)
± 0.1% (± 0.05°※ displayed in 0.1° increments)
0 to 3.00mm (0 to 9.84ft.): ± 5%
7.05m to 10.04m (23.1 to 32.9ft.): ± 10%
10.05m to 25m (32.9 to 82ft.): ± 20%
-20° to 60° C (-4° F to 140° F)
660 x 150 x 270mm (26x5.9x10.6in.)
2.3kg

Monitor

Real-time data such as depth and position are relayed instantly and wirelessly to the drill operator using this full color, easy-to-read LCD monitor

Radio frequency
Power source
Battery life
Graphic display
Operating temperature
Dimensions
Weight (including batteries)

4 Channels
Four "C" alkaline batteries
12 hours (20° C / 69° F)
Full color LCD panel
(20° C / 69° F)
185 x 176 x 124mm (7.3 x 6.9 x 4.9 in.)
2.3kg

New Features

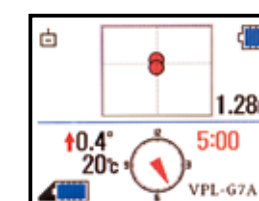
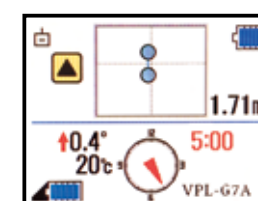
The new Guider 6 Plus comes equipped with several new, time saving features

Simple-to-read Display

Measurement display changes automatically according to signal strength

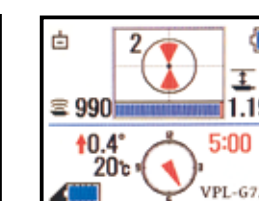
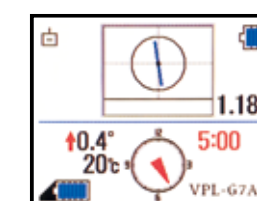
Long distance mode

This mode is optimal for quickly locating the general position of the drill head. The LCD displays two dots that move closer together as the user approaches the drill head.



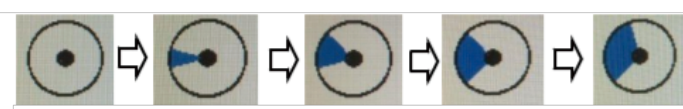
Short distance mode

This mode is more suitable for pinpointing the exact location of the drill head. When directly over the probe, the display changes automatically to show a bar graph measurement for precise locating.



Dual Frequency Probes

Dual frequency probes save time on the job site, by allowing the user to change between frequencies without removing the drill head. Toggle between frequencies quickly according to the level of interference



Digital Level

Measurements such as pitch and depth can be adversely affected if the locator is not held perfectly level. The Guider 6 display features a digital level that ensures accurate measurements every time.