



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 receiver, which is relayed to the monitor in the drilling vehicle wirelessly.



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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	38kHz, 9.5kHz, 14.4kHz
Power source	Two "C" alkaline batteries
Battery life	10 hours (20° C / 69° F) under continuous operation
Operating temperature	-20° to 60° C (-4° F to 140° F)
Dimensions	Φ 32 x 380mm (Φ 1.3 x 15.0 in.)
Weight (including batteries)	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.

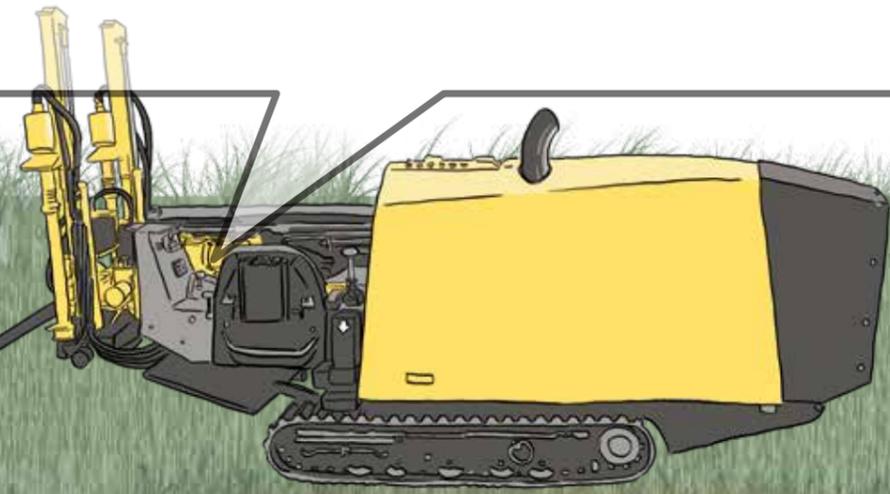
Receiving frequencies	38kHz, 9.5kHz, 14.4kHz
Power source	Six alkaline "C" batteries
Battery life	12 hours (20° C / 69° F) under continuous operation
Graphic display	Full color LCD panel
Accuracy of pitch	± 0.9% (± 0.5°)
Resolution	± 0.1% (± 0.05° ※ displayed in 0.1° increments)
Accuracy of depth	0 to 3.00m (0 to 9.84ft.): ± 3cm (± 1.2in) 3.01m to 7.04m (9.84 to 23.1ft): ± 5% 7.05m to 10.04m (23.1 to 32.9ft): ± 10% 10.05m to 25m (32.9 to 82ft.): ± 20%
Operating temperature	-20° to 60° C (-4° F to 140° F)
Dimensions	660 x 150 x 270mm (26x5.9x10.6in.)
Weight (including batteries)	2.3kg (5.1 lb)



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	4 Channels
Power source	Four "C" alkaline batteries
Battery life	12 hours (20° C / 69° F) under continuous operation
Graphic display	Full color LCD panel
Operating temperature	-20° to 60° C (-4° F to 140° F)
Dimensions	163 x 176 x 124mm (6.4 x 6.9 x 4.9 in.)
Weight (including batteries)	2.4kg (5.3 lb)



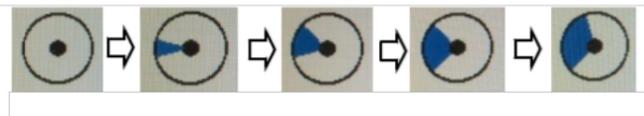
New Features

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



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

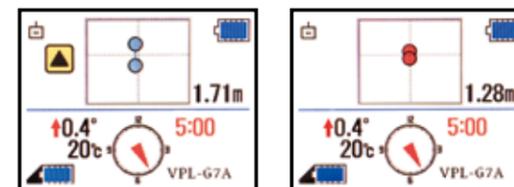
Depth measurements can be adversely affected if the locator is not held perfectly level. The Guider 6 display features a digital level that ensures accurate measurements every time.

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.

