



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 SANGYO CO, LTD. | Your local contact:

IWAKURA PLANT & OVERSEAS DIVISION

10-1 Ehigashi, Higashi-machi, Iwakura
Aichi-ken, 482-0041 Japan
TEL +81 (58) 737-7771

TOKYO OFFICE

5 Chome, 32-8 Shiba, Minato-Ku,
Tokyo, 108-0014 Japan
TEL +81 (33) 453-4778

www.takachiho-sc.com

TAKACHIHO

www.takachiho-sc.com

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.

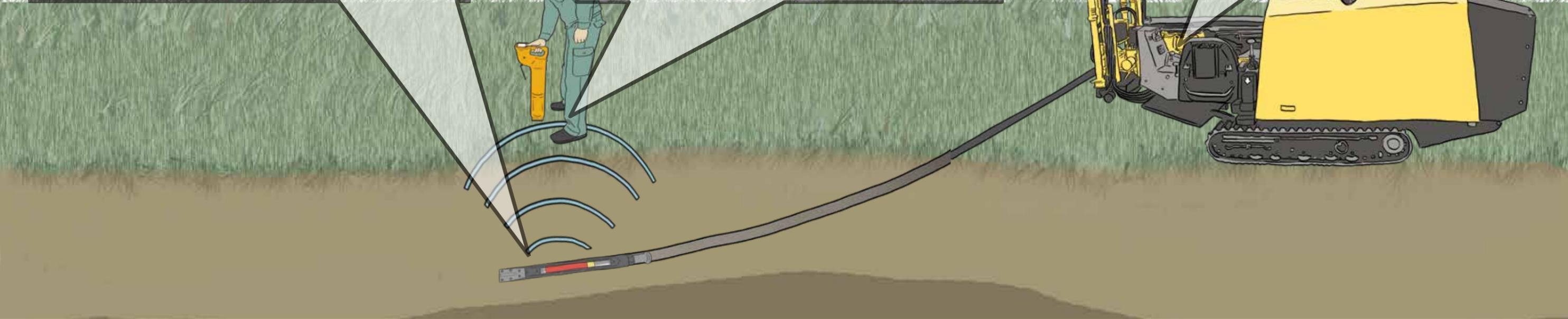
Receiving frequencies	38kHz, 9.5kHz, 14.4kHz
Power source	Six alkaline "C" batteries
Graphic display	Full color LCD panel
Accuracy of pitch	± 0.9% (± 0.5°)
Resolution	± 0.1% (± 0.05°* displayed in 0.1° increments)
Accuracy of depth	0 to 3.00m (0 to 9.84ft.): ± 5%
	7.05m to 10.04m (23.1 to 32.9ft.): ± 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



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)
Graphic display	Full color LCD panel (20° C / 69° F)
Operating temperature	185 x 176 x 124mm (7.3 x 6.9 x 4.9 in.)
Dimensions	2.3kg
Weight (including batteries)	



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

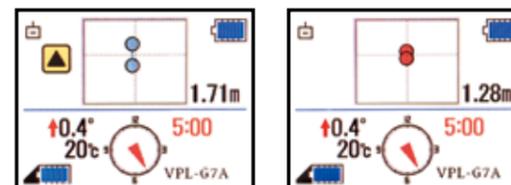
Measurements such as pitch and depth can be adversely affected if the locator is not held perfectly level. The Guider 6 display features a digital level that ensures accurate measurements every time.

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.

