

# VERIFIER G3<sup>®</sup>

## UTILITY LOCATOR



**OPTIMIZED PRODUCTION.** Automatic depth and current strength measurements located on all screen modes.



**COIL CLAMP.** Exclusive one-size-fits-all coil clamp does not need to encircle utility to induce signal. Clamp is 100% waterproof.



**DURABILITY.** 3-year warranty including water damage.



**STRONG INDUCTIVE CAPABILITIES.** For quick verification of utilities for vacuum excavation.



**THREE LOCATING MODES - PEAK, PEAK/NULL AND NULL.** The operator friendly screen, at a glance, shows the accuracy of peak mode combined with the speed of null mode.



**MINI PROBE (OPTIONS).** Small waterproof transmitter emits a signal that is traced by the receiver, enabling location and depth of non-metallic pipe. Available frequencies: 38 kHz/512 Hz.

# VERIFIER G3<sup>®</sup> UTILITY LOCATOR

VERMEER VERIFIER G3. Weatherproof Receiver and Transmitter backed by a "No Water Damage" 3-Year warranty policy.

## RECEIVER (RX)

**Active frequencies:** 38 kHz 38 kHz  $\pm 2\%$ , 9.5 kHz 9.5 kHz  $\pm 2\%$ , 80 kHz 80 kHz  $\pm 2\%$ , 850 Hz 850 Hz  $\pm 2\%$ , 512 Hz 512 Hz  $\pm 2\%$

**Passive radio:** RAD: 9 k to 33 kHz (80 bands)

**Passive power:** 50 Hz - 60 Hz, 100 Hz - 120 Hz

**Battery type:** Six Alkaline LR6 "AA"

**Battery life:** 18 hours (20°C / 68°F)

**Battery status:** Continuous indication

**Power save function:** Automatic power off after 5 min. of inactivity

**Visual indication:** LCD: bar graph, digital number and character

**Depth display:** High precision depth measurement

**Range:** Line: 0 to 5 m / 16 ft. ( 0-5 m / 0-16 ft. mode), 0 to 10 m / 30 ft. (0-10 m / 0-30 ft. mode), Probe: 0 to 10 m / 30 ft., Real time depth measurement 0 to 9.9 m / 33ft.

**Depth readout unit:** Meter/Feet & Inch

**Depth accuracy\*:** 2.0m / 6.5ft. :  $\pm 2.5\%$ , 3.0m / 10ft. :  $\pm 5\%$ , 5.0m / 16.5ft. :  $\pm 10\%$

**Current value:** Current value showing on the conductor is displayed for line identity in milliamps

**Audio output:** Internal Speaker with sound volume adjusting function, Earphone (optional)

**Data logging:** Memorized 400 points of the depth / the current measurement / the date and time data

**Interface:** 6-pin output connector

**Operating temperature:** -20°C to 50°C / -4°F to 122°F

**Dimensions:** 660 x 130 x 270 mm (26.0" x 5.1" x 10.6")

**Weight:** 2.1 kg / 4.7 lbs. approx. including six batteries

## TRANSMITTER (TX)

**Output frequencies:** 38 kHz : 38 kHz  $\pm 0.02\%$  (Standard frequency), 9.5 kHz : 9.5 kHz  $\pm 0.02\%$ , 80 kHz : 80 kHz  $\pm 0.02\%$ , 512 Hz: 512 Hz  $\pm 0.02\%$  (Direct connection mode ONLY), Dual: 9.5 kHz / 38 kHz  $\pm 0.02\%$  (Direct connection mode ONLY)

**Output power:** 5 watts maximum / 80kHz: 1 watt maximum

**Operating modes:** Direct connection mode, inductive mode, \*External coil mode (optional)

**Battery type:** Eight Alkaline LR20 "D"

**Battery life:** Direct mode: 50 hours (Output 4 mA, 20°C / 68°F), Inductive mode: 20 hours (Output 50%, 20°C / 68°F), Full Power (5W): 10 hours (20°C / 68°F)

**Battery status:** Low battery indication & press key readout

**Visual indication:** LCD: Bar graph and digital number

**Audio indication:** Internal speaker: Alarm, beeping sounds

**Measuring function:** Output Current : 0 to 300mA, Line Voltage: 0 to 250V

**Output protection:** AC 250V (512Hz: Output is cut off automatically)

**Operating temperature:** -20°C to 50°C / -4°F to 122°F

**Dimensions:** When using: 261 x 314 x 110 mm (10.3" x 12.4" x 4.3"), When in storage: 227 x 314 x 110 mm (8.9" x 12.4" x 4.3")

**Weight:** 3.6 kg / 7.9 lb approx. including eight batteries

\*Locators are tested in test field conditions with no adjacent signals. Always excavate the line with non-destructive means before digging.

\*Optional cable is necessary to read the logging data.

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