



WTEM-3Q TEM System



All-in-one, multi-functional: the system has the functions of transmitter and receiver at the same time, easy to carry and simple to connect. Its receiver can also use the cable synchronization mode alone GPS + quartz clock hybrid synchronization and external high power transmitter to work together to complete deep exploration tasks.

Wireless Remote Control, the first tablet PC Win10 using Bluetooth wireless communication technology to control the instrument, allowing you to be within 10 meters of the receiver via a tablet PC.

Specifications

Receiver

- | | |
|------------------------------------|-----------------------------------|
| • Number of channels | 1 channel |
| • Pre-amplifier gain | 8, 32 times |
| • Main amplifier gain | 1, 2, 4, 8, 16, 32, 64, 128 times |
| • Pass band | 0~50KHz, all-pass 0~400KHz |
| • Industrial frequency suppression | ≥80dB |
| • Number of A/D bits | 16 bits |
| • Minimum sampling interval | 1μs |
| • Number of measurement channels | ≤128 channels |
| • Number of superposition | 1 ~ 9999 times |

Specifications

Transmitter

- Transmit current $\leq 10\text{A}$
- Current measurement accuracy $\pm 1\%$
- Power supply frequency
 - ① 0.25Hz, 0.5Hz, 1Hz, 2Hz, 4Hz, 8Hz, 16Hz, 32Hz;
 - ② 0.3Hz, 0.75Hz, 3Hz, 7.5Hz, 30Hz, 75Hz, 285Hz;
 - ③ 0.25Hz, 0.625Hz, 2.5Hz, 6.25Hz, 25Hz, 62.5Hz, 273.5Hz
- Transmit waveform +ON, OFF, -ON, OFF, equal-width bipolar wave
- Turn-off time measurement 0.1 μs to 1000.0 μs
- Typical turn-off time 2.5 μs @ 3A transmit current, 40m \times 40m single-turn transmitter loop
- Transmitter loop 5m \times 5m single-turn to 100m \times 100m single-turn
- Programmable damping resistance 100 Ω ~3200 Ω , programmable in 100 Ω steps.

Others

- Volume 340mm \times 295mm \times 152mm
- Weight 6kg
- Operating Temperature -10 $^{\circ}\text{C}$ ~ +50 $^{\circ}\text{C}$

