



## 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 ≤10A
- Current measurement accuracy ±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 0.1μs to 1000.0μs
- Typical turn-off time 2.5μs @ 3A transmit current, 40m×40m single-turn  
transmitter loop
- Transmitter loop 5m×5m single-turn to 100m×100m single-turn
- Programmable damping resistance 100Ω~3200Ω, programmable in 100Ω steps.

### Others

- Volume 340mm×295mm×152mm
- Weight 6kg
- Operating Temperature -10°C ~ +50°C