

WhaleTeq USB Isolator

Suitable for Processing Tiny Signals

WHAT is the root cause

When measuring the small signals such as biomedical signal, these signals are usually interfered by the noise and consequently affect the test result.

WHERE is the noise from

- Power supply of USB and PC
- Since DUT and test instrument use different power supply systems, the ground loop noise is generated.

WHY do you need a WhaleTeq Isolator

Engineers often contained the components by themselves to solve the issue. However, this is time-consuming, inconvenient and vulnerable to the environment with high current.



Time-Saving and Convenient

Simply plug and isolate the noise from PC and USB

High Current Support

WhaleTeq Isolator is able to support high current up to 350 mA.

Noise Isolation

Available for any kind of small signals ex. EKG、EEG...etc.

Device Protection

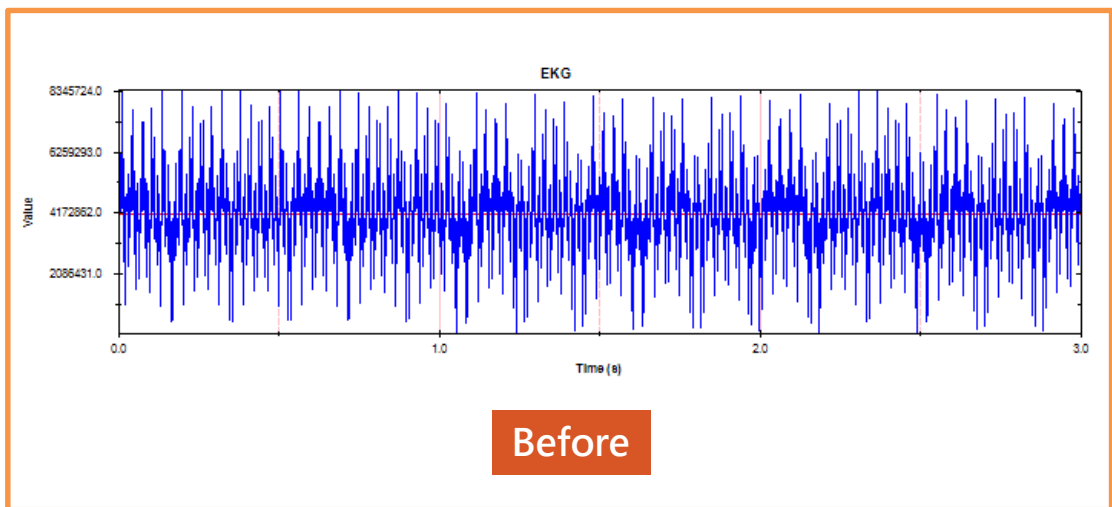
Protect device from damaged by the high voltage of PC.



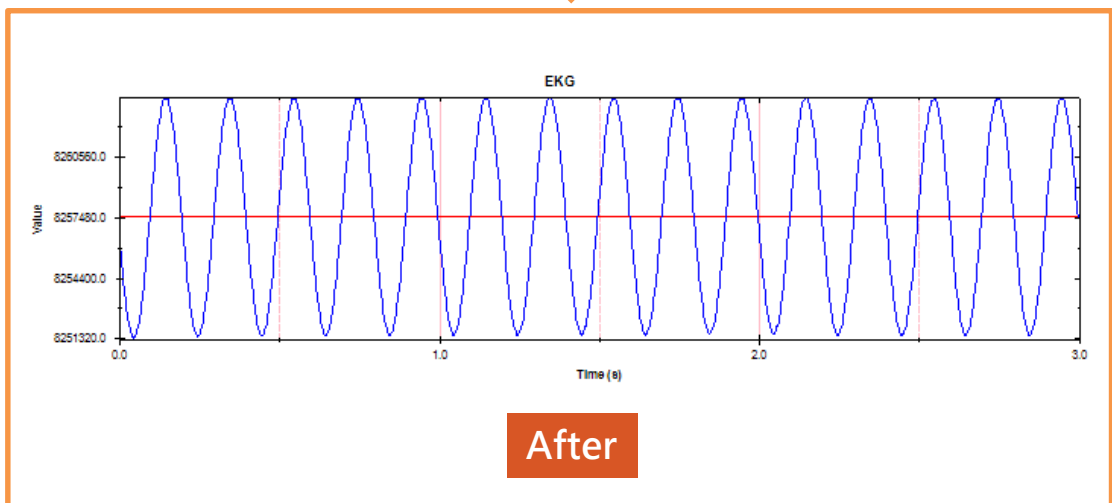
WhaleTeq USB Isolator

Simple, Rapid, Time-saving and Efficient

- ✓ **Suitable for processing small signals**
- ✓ **Isolate the noise efficiently**
- ✓ **Support up to 350mA high current**
- ✓ **Protect device from damaged by high voltage**



Connect USB Isolator to PC and EKG DUT



WhaleTeq USB Isolator is designed for devices with non-isolated circuits. The isolation effect may not be significant if the circuit is isolated.



WhaleTeq USB Isolator

Simple, Rapid, Time-saving and Efficient

- Best Used with WhaleTeq Products -



EEG Series
SEEG 100



HRS Series
HRS200
HRS100+



WhaleTeq USB Isolator



ECG Series
SECG 4.0
MECG 2.0

Specification

Item	Supported range/Types
Temperature	0-70 °C
Isolation	1 kV
Speed	12 Mbps (USB1.1)
Power	USB Bus Power 5V
Downstream Power	Up to 350 mA
USB	Type A(Female) + B(Female)
Size (W x H x D)	3.5 (cm) x 2.0 (cm) x 5.0 (cm)



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