



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 350mA.

Noise Isolation

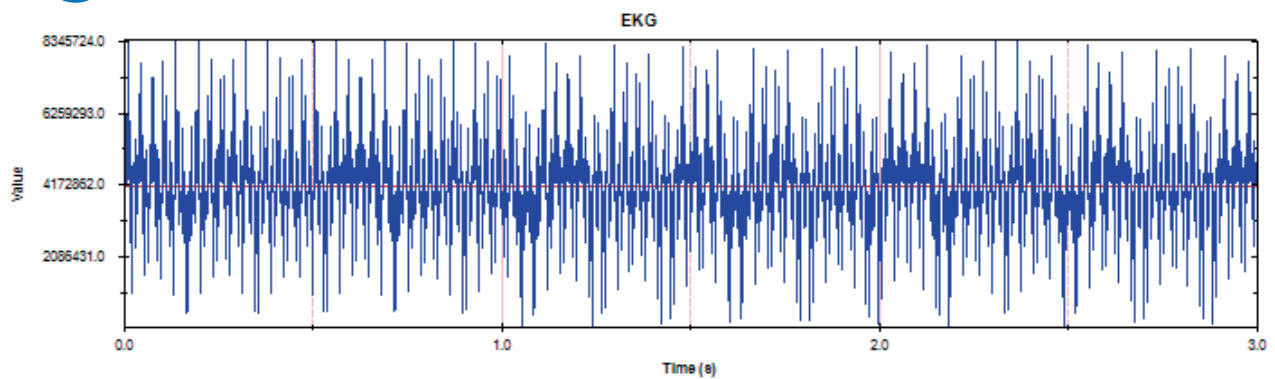
Available for any kind of small signals ex. EKG \ EEG...etc.

Device Protection

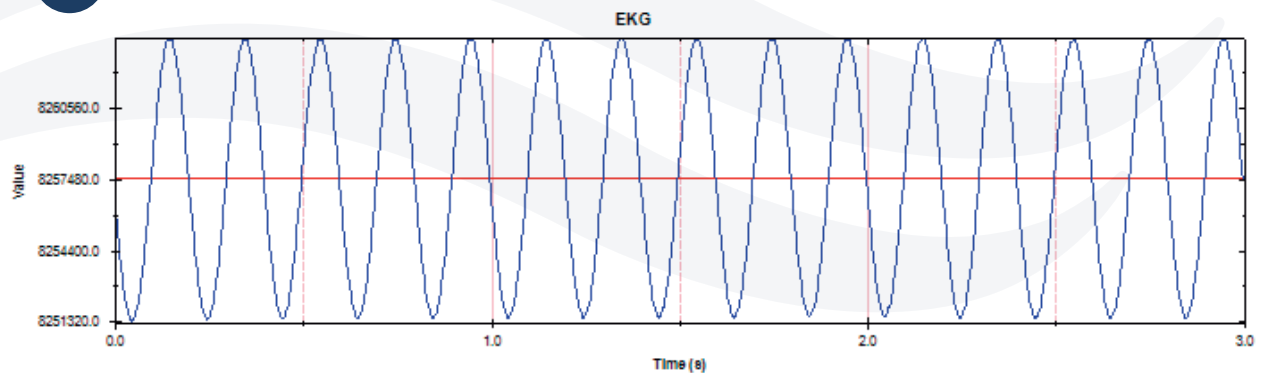
Protect device from damaged by the high voltage of PC.



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

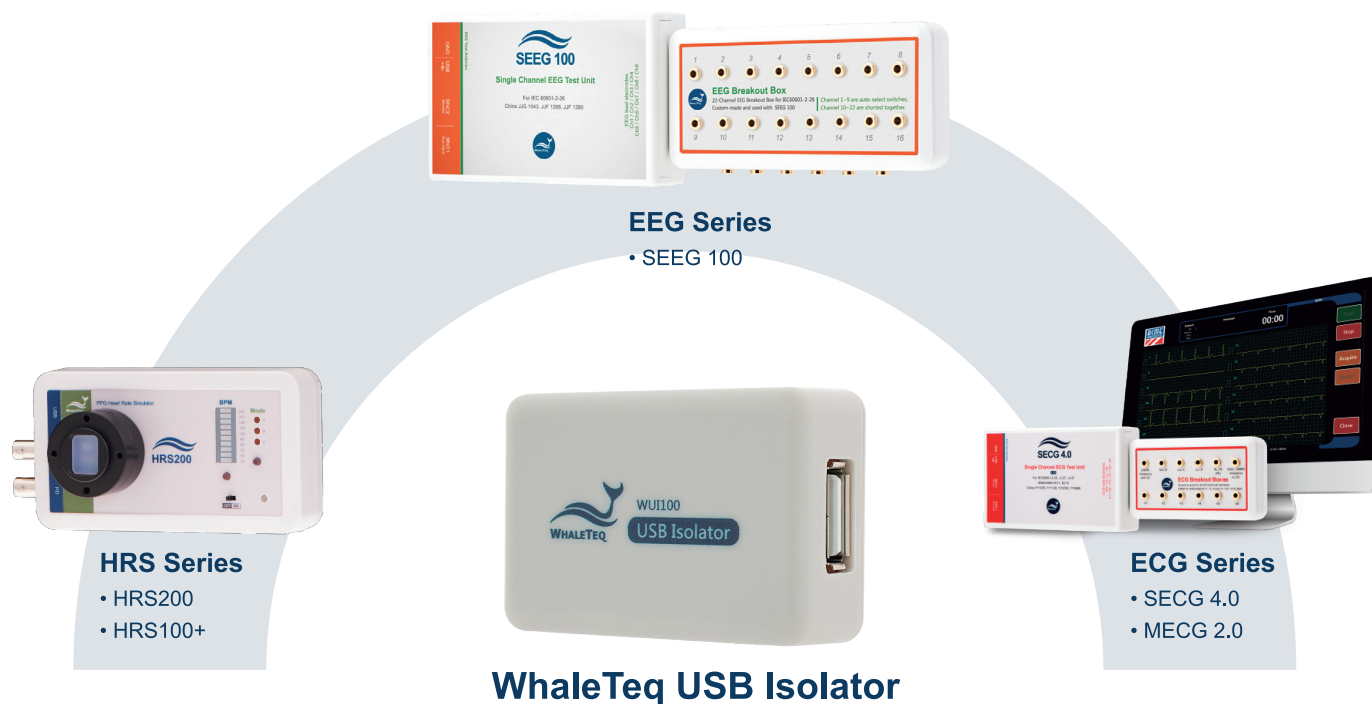


Connect USB Isolator to PC and ECG DUT



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

- Best Used with WhaleTeq Products -



Specifications

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

