



SY3001W

Wireless phase voltmeter

National patent, NO: ZL201520339915.5

Consists of Master-slave sub-machines. Both sub-machines can work separately and also be synchronized by digital wireless communication.

To solve the problem that the phase of current and voltage at different positions cannot be measured conveniently in the digital intelligent substation. To replace the use of long test cables to measure analog amplitude and phase in the intelligent substation.

The master has one voltage and one current input.

It can use any valid input to be the phase reference.

It can measure 0-500V low AC voltage, 0-10A current, phase, frequency, active power and active power factor in one single machine.

It can measure current phase from 5mA using clamps.

The slave has three voltage and three current inputs. It can measure these inputs simultaneously and use the valid input of the master to be the phase reference.

It can save the multiple voltage side measurement results based on the same master phase reference, calculate the current power and direction, and display the measurements on the same screen.

It can fulfill the purpose of wireless based load measurement analysis or PT phase check.

With bluetooth and USB interface, it can be connected to Android phones. The online app allows users to explore more functions.



Master
size: 140mm×70mm×35mm
weight: 0.3Kg



Slave
size: 230mm×125mm×43mm
weight: 0.5Kg

