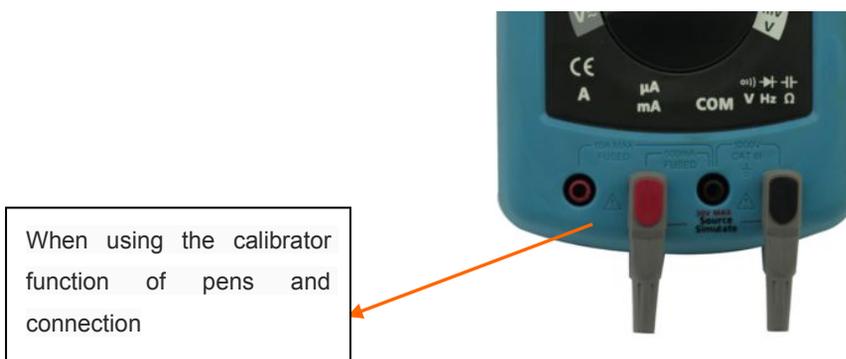
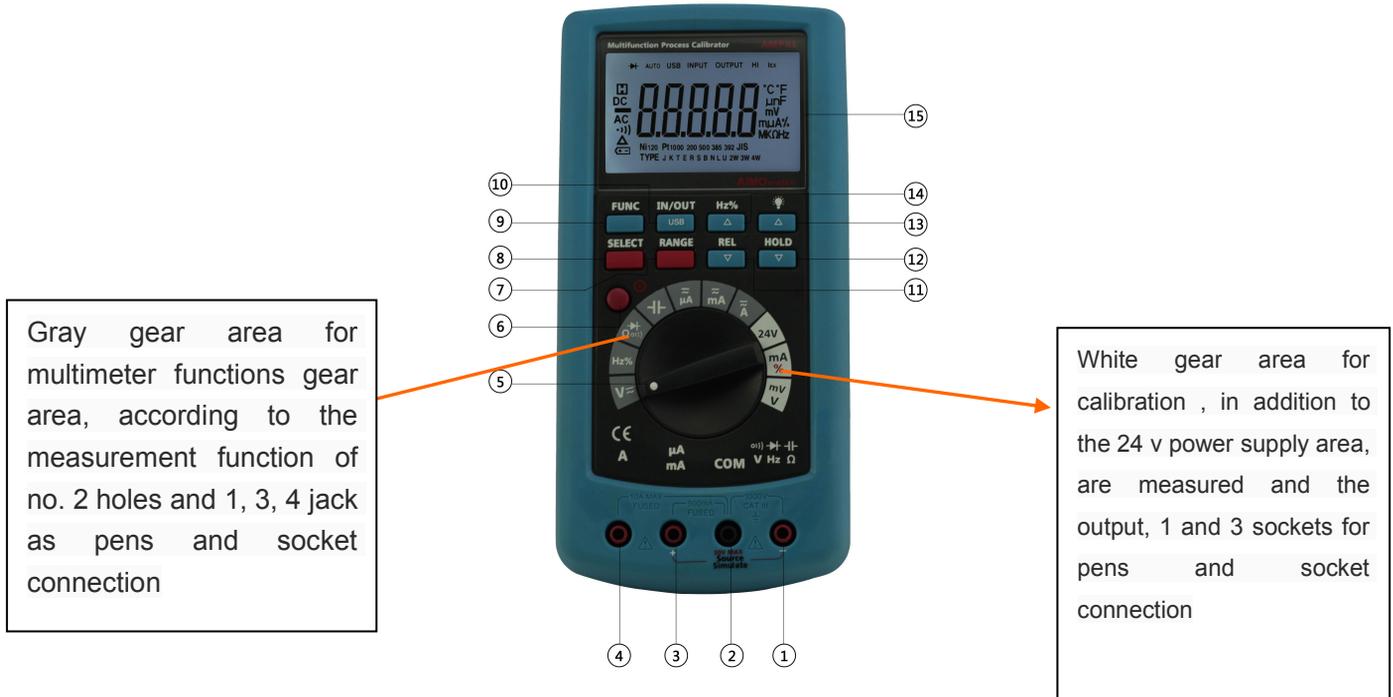


AMPX1 Quick Start Guide

AMPX1 is a source and measurement tool . Is used to 0 -24 mA / 4-20 mA current loop and 0 - 10 V / 0-100 mV output , also has 4,000 counts integrated multimeter function.



⚠ Warning

To avoid possible electric shock or personal injury:

- Never apply more than 30V between any two jacks In the calibrator functions .

(1) VΩHz end

In the multimeter functions, it is the input end for all measurement functions except for current measurement, connected with a red meter probe.

In the calibration instrument functions, it is the negative jack, connected with a red meter probe.

(2) COM end

In the multimeter functions, it is the negative input end for all measurements, connected with a black meter probe.

(3) μA/mA end

In the multimeter functions, it is the positive end for measurement of μA or mA current, connected with a red meter probe.

In the calibration instrument functions, it is the positive jack, connected with a red meter probe.

(4) A end

In the multimeter functions, it is the positive input end for measurement of 0.5A-10A current, connected with a red meter probe.

(5) Rotary switch

Used for selecting measurement functions such as voltage, current, resistance and Capacitance.

(6) POWER switch

Used for putting on or off the operating power for the meter.

(7) RANGE key

In the multimeter functions, for various kinds of measurements it is used manually to select range. Under the automatic range state (AUTO displaying), it will enter manual range state with a press on RANGE. When the RANGE key being released after pressing for two seconds the meter will return back to the automatic state.

(8) SELECT key

In the multimeter functions, when setting the rotary switch to a measurement function, the meter will enter its first measurement mode, while pressing the SELECT key it is possible to select the second or the third measurement mode. However, there is only one for the Capacitance measurement.

(9) FUNC key

In the calibrator functions, it is V mV conversion key and mA mA% conversion key

(10) IN/OUT key

In the multimeter functions, it is switch for turning on/off USB transmission.

In the calibrator functions, it is Input/output conversion key.

(11) REL key

In the multimeter functions, it is to enter or exit the relative status .

In the calibrator functions, it is to reduce more value .

(12) HOLD key

In the multimeter functions, Used to maintain the measurement data unchanging, by pressing the key again it will resume the measurement. .

In the calibrator functions, it is to reduce less value .

(13) LIGHT key

In the multimeter functions, by pressing this key for a time, the backlight of the LCD screen will be on , after thirty seconds the meter will turn off the backlight automatically . It also can turn off the backlight by pressing the LIGHT key.

In the calibrator functions, it is to increase less value .

(14) HZ% key

In the multimeter functions,during the voltage or current measurement, by pressing \sim Hz key the meter will enter the linear frequency measurement status. the frequency of voltage or current is measured at this time . By pressing this key again, will exit the linear frequency measurement status.

In the calibrator functions,it is to increase more value .

(15)LCD screen

Used for displaying the measuring results,value of signal and various symbols.