

FRONT PANEL



- ① Display area
- ② Control (key and knob) area
- ③ Probe Compensation: Measurement signal (5 V/1 kHz) output
- ④ Signal Input of 4 Channels
- ⑤ Menu off
- ⑥ Power On/Off
- ⑦ Foot stood

CONTROL KEY AREA



(8) G knob (General knob)

(9) Function key area

(10) Horizontal control area

(11) Trigger control area

(12) Vertical control area

(13) Menu off

(14) Menu option setting (F1-F5)

(15) Menu option setting (H1-H5)

USER INTERFACE



- (1) Waveform Display Area.
- (2) The state of trigger, including:
Auto: Automatic mode and acquire waveform without triggering.
Trig: Trigger detected and acquire waveform.
Ready: Pre-triggered data captured and ready for a trigger.
Scan: Capture and display the waveform continuously.
Stop: Data acquisition stopped.
- (3) T pointer indicates the horizontal position for the trigger.
- (4) The pointer indicates the trigger position in the internal memory.
- (5) Cursors for cursor measurement.
- (6) Current triggering value.
- (7) It indicates that there is a USB flash disk connecting with the oscilloscope.
- (8) Setting time (touchable).
- (9) Cursor measure window, showing the readings of the two cursors and absolute value.
- (10) The waveform of CH1.

- (11) The pointer shows the trigger level position of the source in trigger menu.
- (12) The waveform of Math.
- (13) The waveform of CH2.
- (14) The waveform of CH3.
- (15) The waveform of CH4.
- (16) The cymometer of the source in trigger menu.
- (17) Trigger settings of the source in trigger menu.
The icon shows the trigger type; the reading shows the trigger level value:
Current trigger type:
 - Rising edge or slope triggering.
 - Falling edge or slope triggering.
 - Pulse triggering.
 - Video line synchronous triggering.
 - Video field synchronous triggering.
- (18) The bottom menu bar
- (19) The reading shows the setting of main time base.
- (20) The readings indicate the Voltage Division of corresponding channels.
The icon shows the coupling mode and other settings of the channel:

"⎓" DC coupling.	"Ω" Impedance 50 Ω.
"~" AC coupling.	"↓" Inverted.
"⏚" Ground coupling.	"Bw" Band Width 20 M.
- (21) The readings show current sample rate and the record length.
- (22) It indicates the measured type and value of the corresponding channel.

F: Frequency.	Os: Overshoot value.
T: Cycle.	Ps: Preshoot value.
V: Average value.	RT: Rise time value.
Vp: Peak-peak value.	FT: Fall time value.
Vk: Root-mean-square value.	PW: +D width value.
Ma: Maximum amplitude value.	NW: D Width value.
Mi: Minimum amplitude value.	+D: +Duty value.
Vt: Voltage value of the waveform's flat top value.	-D: -Duty value.
Vb: Voltage value of the waveform's flat base.	PD: Delay A→B ↗ value.
Va: Amplitude value.	ND: Delay A→B ↘ value.
- (23) The green pointer indicates the grounding datum point (zero point position) of the waveform of the CH4 channel.
- (24) The purple pointer indicates the grounding datum point (zero point position) of the waveform of the CH3 channel.
- (25) The yellow pointer indicates the grounding datum point (zero point position) of the waveform of the Ch3 channel.
- (26) The blue pointer indicates the zero point position of the waveform of the Math.
- (27) The red pointer indicates the grounding datum point (zero point position) of the waveform of the CH1 channel.

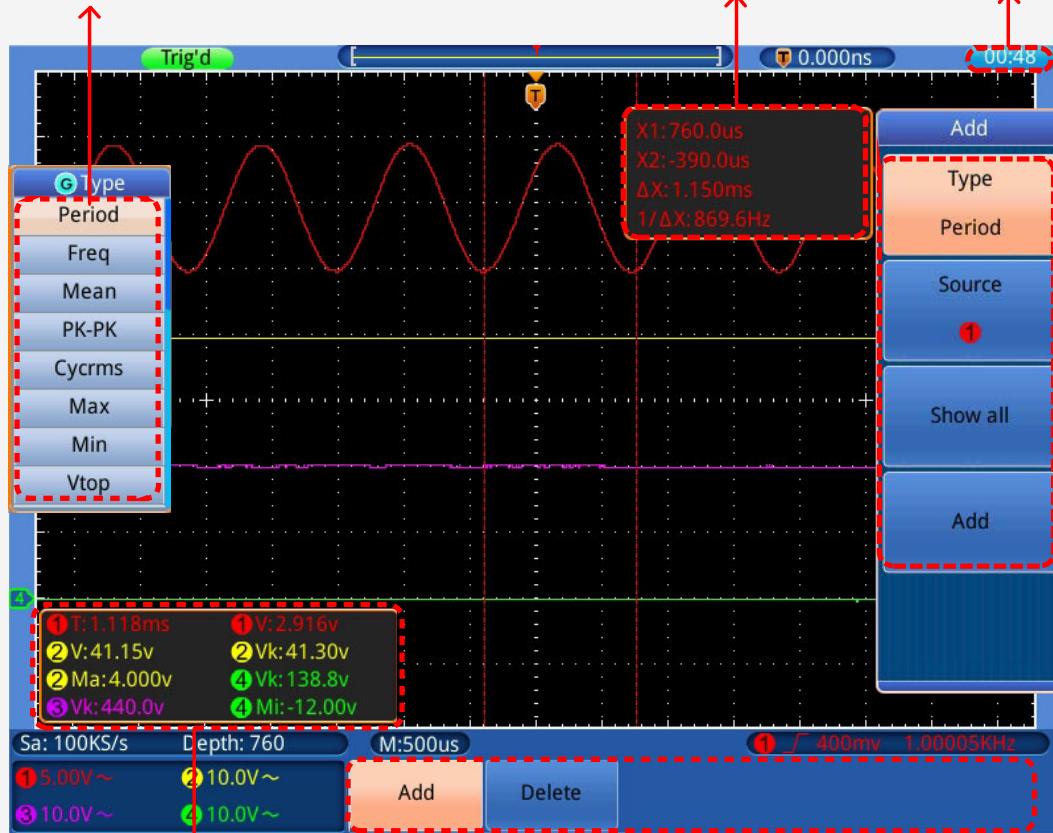
TOUCHSCREEN CONTROLS

Operate the menu through Touchscreen or Buttons/Knob

Touch to select
the menu item
Drag to scroll
the list

Touch to display the
Cursor Measure Menu

Touch to set time



Touch to
display the
Measure Menu

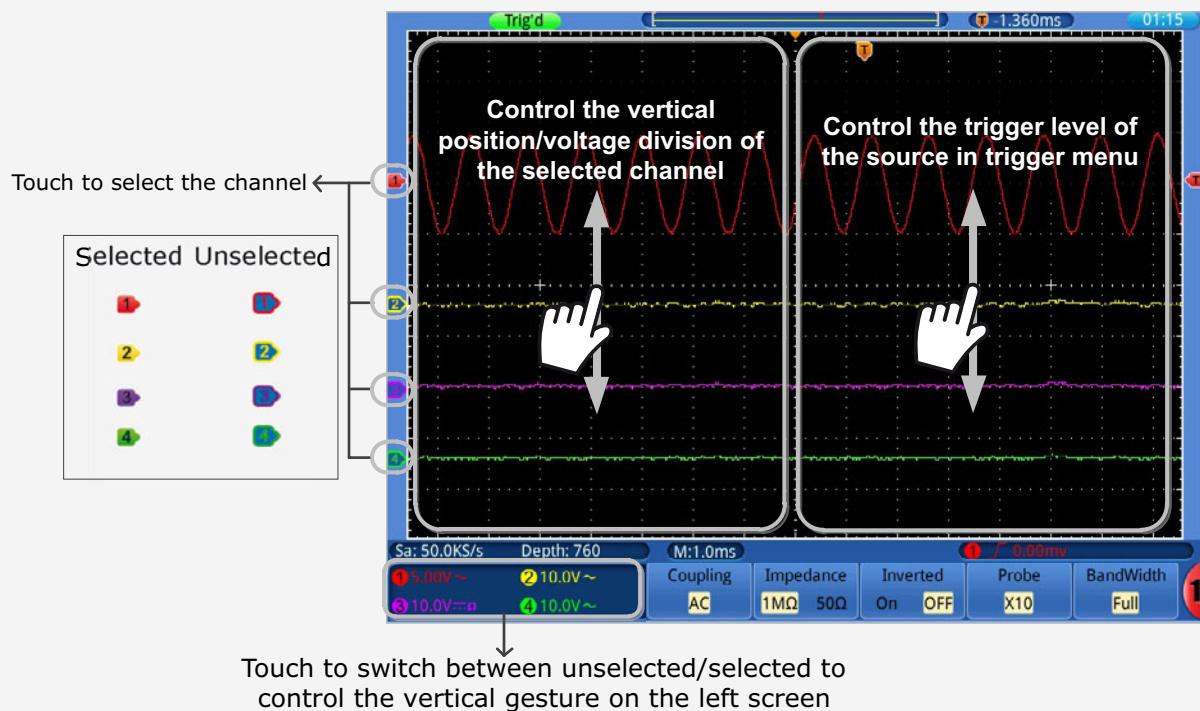
Touch to select
the menu item

Touch to select
the menu item

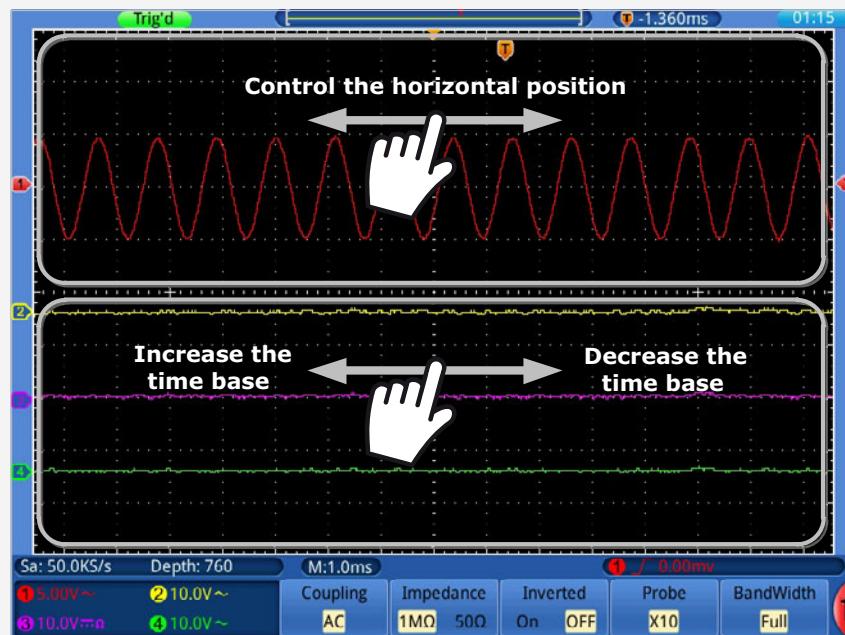


Press repeatedly to
switch the options

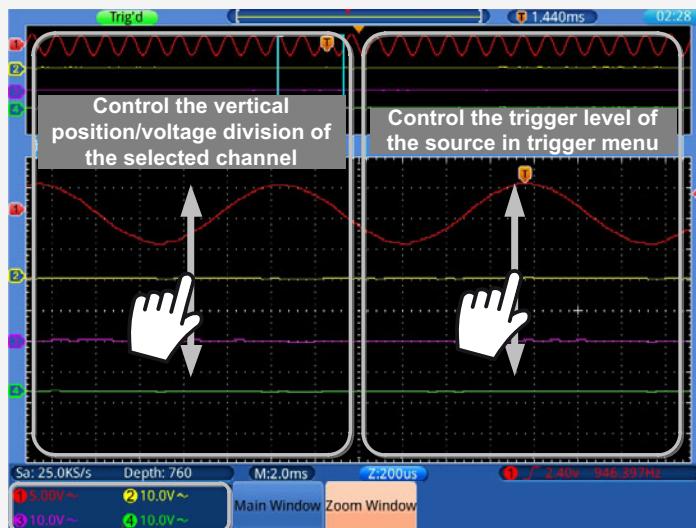
Set the Vertical System through touchscreen



Set the Horizontal System through touchscreen

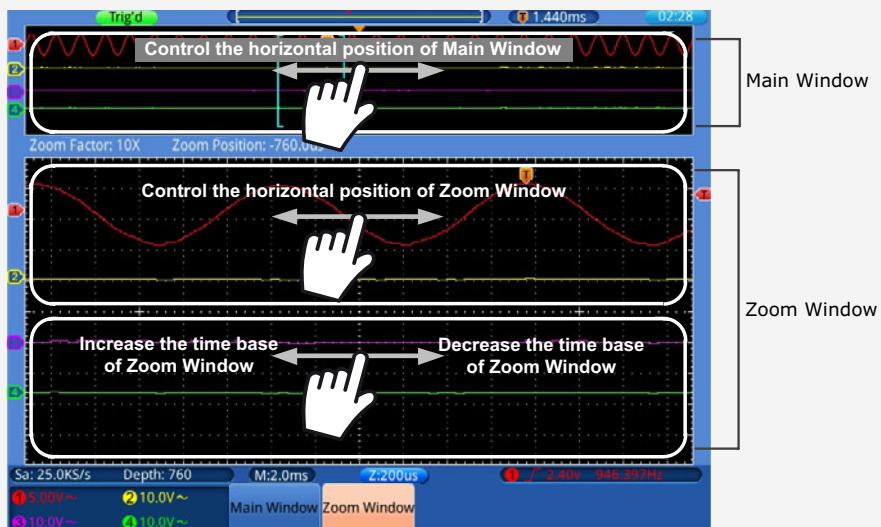


Zoom the Waveform through Touchscreen

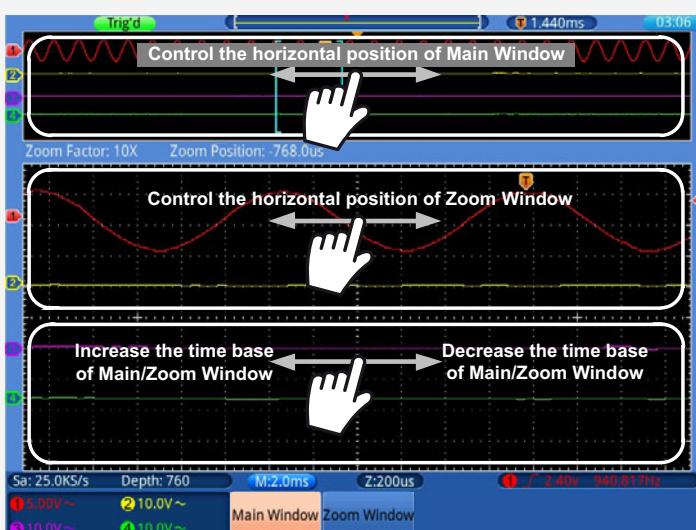


Touch to switch between unselected/selected to control the vertical gesture on the left screen

Horizontal Operations Zoom Window



Horizontal Operations Main Window



REAR PANEL



- (15) Air vents
- (16) VGA port
- (17) USB Device port
- (18) USB Host port
- (19) Handle
- (20) LAN port
- (21) Trigger signal output & Pass/Fail output port
- (22) AC power input jack

