

FNIRSI™

POCKET HANDHELD OSCILLOSCOPE

MINI / Practical / Cost-effective



220V voltage measurement



PWM square wave



Automatic adjustment



200kHz bandwidth

FOUR FEATURES



Firmware Upgrade



Built-in PWM Signal



Rechargeable Battery



One Key Reset

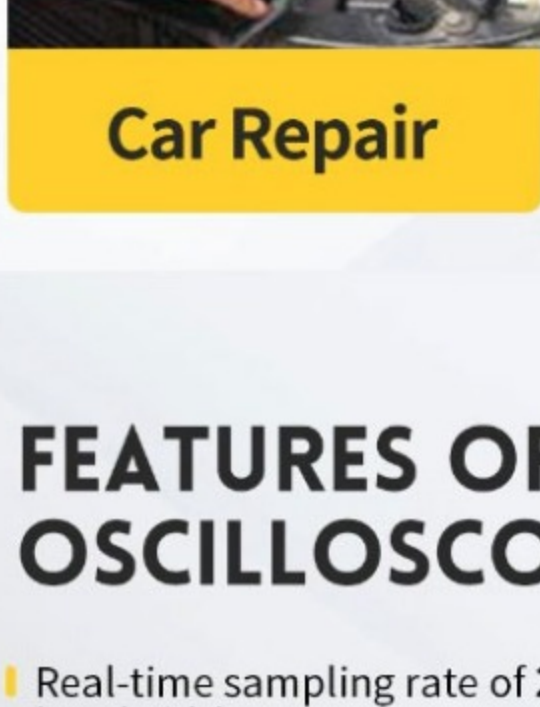
WIDE RANGE OF APPLICATIONS



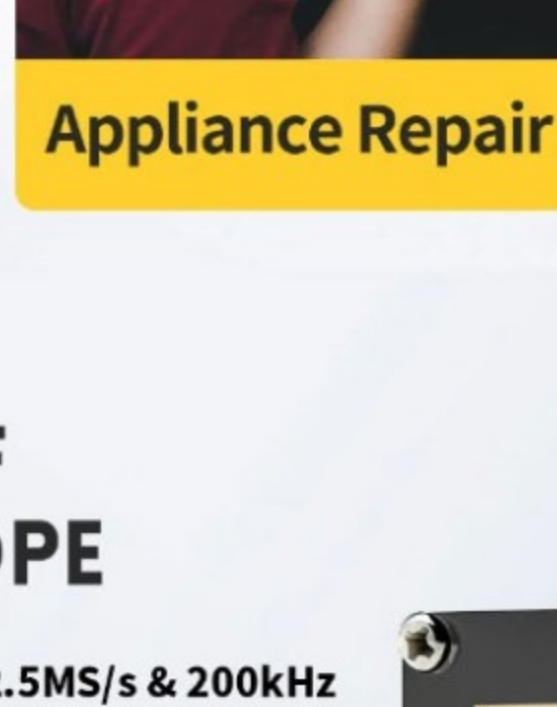
Measure the mains 220V



DIY Learning



Car Repair



Appliance Repair



Teaching

FEATURES OF OSCILLOSCOPE

- Real-time sampling rate of **2.5MS/s** & **200kHz** bandwidth
- AUTO**, One click to display the measured waveform
- Trigger Function (**Single**, **Normal**, **Automatic**)
- Up to **±400V** voltage signal
- 80kHz /5.0V **PWM wave** test signal source with adjustable duty cycle



WAVEFORM MEASUREMENT DISPLAY



Half wave



Square wave

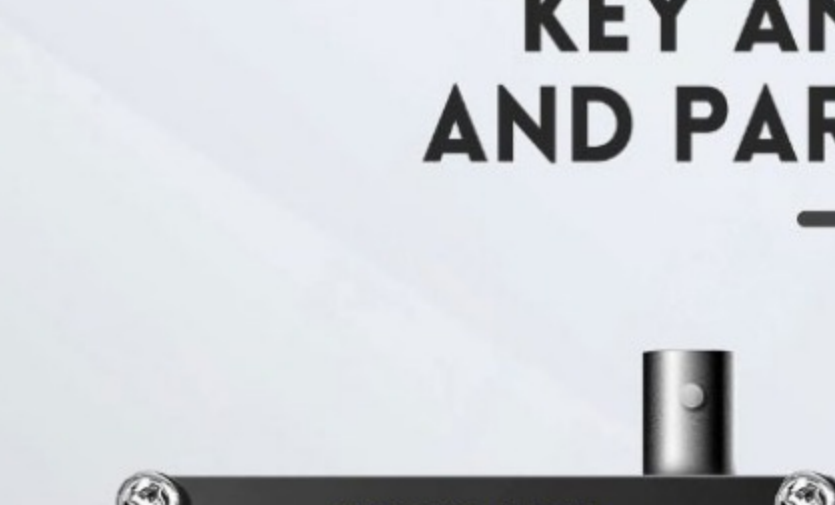


Triangle wave

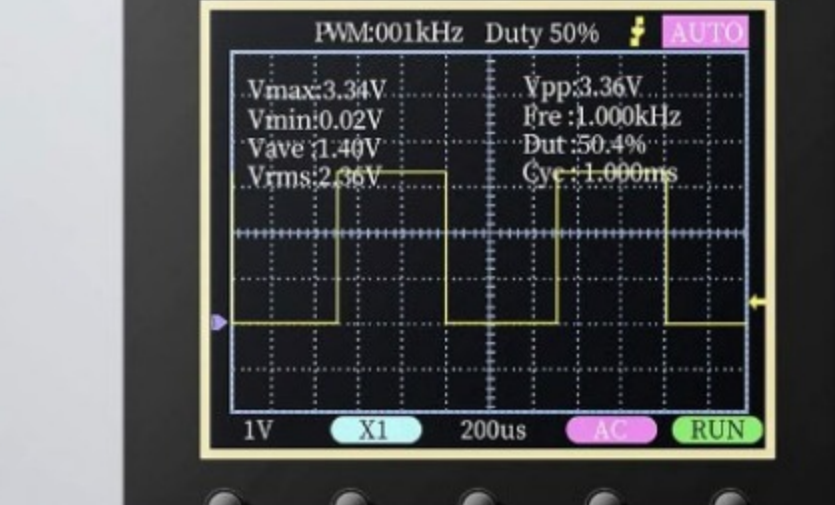


Sine wave

EXQUISITE TEXTURE



01 Super MINI Button, better experience, excellent ergonomics

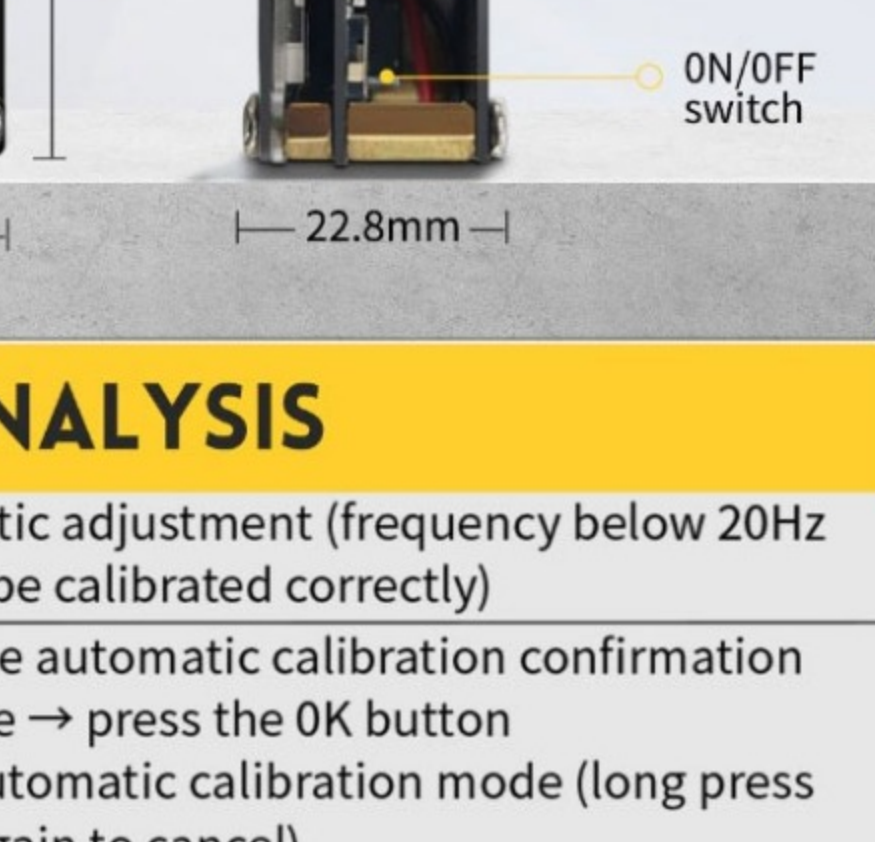


02 Nice-touch matte back panel



03 Universal BNC Interface
Type-C Supports firmware Upgrade & Charging

KEY ANALYSIS AND PARAMETERS



KEY	KEY ANALYSIS	
	Short press	Long press
AUTO	Automatic adjustment (frequency below 20Hz cannot be calibrated correctly)	- Enter the automatic calibration confirmation interface → press the OK button - Enter automatic calibration mode (long press AUTO again to cancel)
CHANGE	Toggle setting mode	Save key setting parameters
ADD	Move/change mode	Continuous movement
DIS	Move/change mode	Continuous movement
OK	Pause/Start Waveform	- In the vertical voltage gear position, long press to switch X1/X10 - In other cases, long press to show/close detailed parameters
RST	Reset restart	

*No key operation for 0.5 seconds, parameters will be automatically saved

PARAMETERS

Powered By	USB powered	lithium battery
Supply Voltage	5-6V	4-9V
Capacity	/	1000mAh
Sampling Rate	2.5MS/ s	
Bandwidth	200K	
Vertical sensitivity	10mV/Div-20V/Div (in 1-2-5 increments)	
Horizontal time base range	10μs/Div-50s/Div (in 1-2-5 increments)	
Voltage Range	X1: ±40V (Vpp:80V)	X10: ±400V (Vpp :800V)
Trigger Modes	Auto/Nomal/Single	
Coupling Modes	AC/DC	
PWM output	3.3V	F.R:0~80kHz Duty cycle: 0~100%
Show	2.4 in/ PPI:320*240	
Size	66*71.6*22.8mm	
Weight	53g (Without battery)	72g (Including battery)

*The size and weight are all measured manually, there are some errors, please refer to the actual product

Packing List

- 138 Pro Oscilloscope*1
- Pin*1
- Type-C Cable *1
- Regular Probe *1
- User Manual *1
- Packing Box *1

