

3 IN 1 **DST-210**

Multimeter Oscilloscope

Wave/Value/Signal Switch Freely
catch transient faults fast and enable precise repairs.



10MHz | 48MSa/s



19,999 | Curve View



13 Waveforms DDS SG



Why Pick One?

We Want It All!

Traditional multimeters sample static values—voltage, current, resistance. Oscilloscopes show how signals change in real time—catching distortion, interference, and glitches.

The **DTS-210** combines both, bridging the gap from just "reading numbers" to actually "seeing waveforms," catching distortion, interference, and glitches.



Timeless Design With Modern Power

Iconic rotary dial collides with auto-ranging intelligence —
one tool for all.



Log It. Graph It. Get It.

Data Logging & Trend View

Track 10 Data Points. One Curve Reveals It All.
Watch the curve display trends, shifts,
and signal stability in real time.



50KHz DDS Signal Generator

13 Sig. Waveforms

0-50 kHz | 0.1-3.0 V



Amplifier Test
(Verify gain flatness)



Filter Tune
(Check cutoff & bandwidth)



PWM Sim
(Drive MOSFETs & motors, test response)



See What Traditional Multimeters Miss!

VS

Use Case



Voltage looks fine,
but circuit unstable



PWM / CAN issues



Ignition faults



AC power unstable



Random dropouts
or bad grounding



Digital timing errors



DST-210 & DST-201

Shows real-time dips
& drops

See live duty cycle &
signal noise

Visual pulse shape &
delay check

Shows ripple &
interference clearly

Tracks momentary
voltage loss

Captures signal
timing & jitter



Multimeter

Shows value

Can't read
waveform

No signal details

Averages only

Can't catch blips

No timing data



AC/DC Voltage



AC/DC Current



Continuity



Live/Wire



Resistance



Capacitance



Frequency



Diode



Temperature

TRUE

True RMS



Automatic



Infinite
Afterglow



Intelligent
Anti-burn



Curve mode



Data Hold

Seamless Black & White, Built for Every where

Switch fast. Ease your eyes. Stay sharp.

Daylight Theme ☀



Night Theme 🌙

Hold The Data Lock The Waveform

Catch transients. Solve fast.



Complex issues on the job

Can't be solved by numbers alone.



**Car won't start
but voltage reads normal?**

The DTS-210 catches voltage spikes during startup to spot a weak battery or slow relay response.



**Plug connected, buzzer sounds,
but why the occasional fail?**

DTS-210 waveform logging reveals fleeting power drops and instant disconnections to find the real cause.

Handheld Oscilloscope

10MHz | 48MSa/s

Support Trigger Level Display & Infinite Persistence



LIN Bus—Troubleshoot Communication Issues



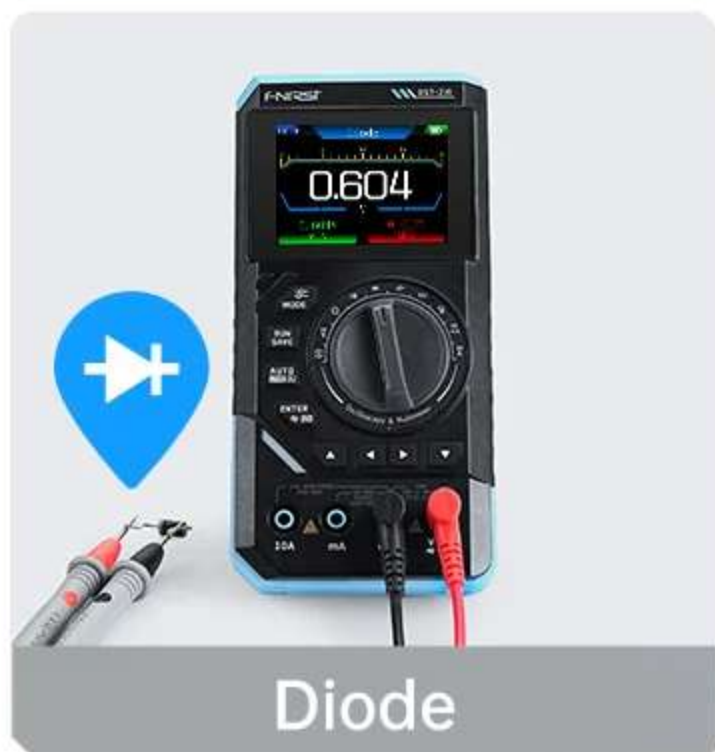
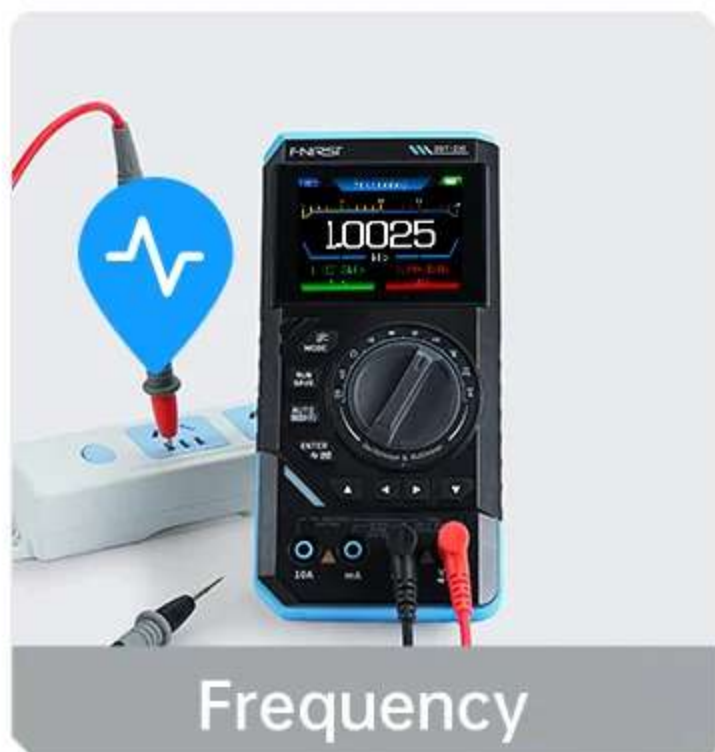
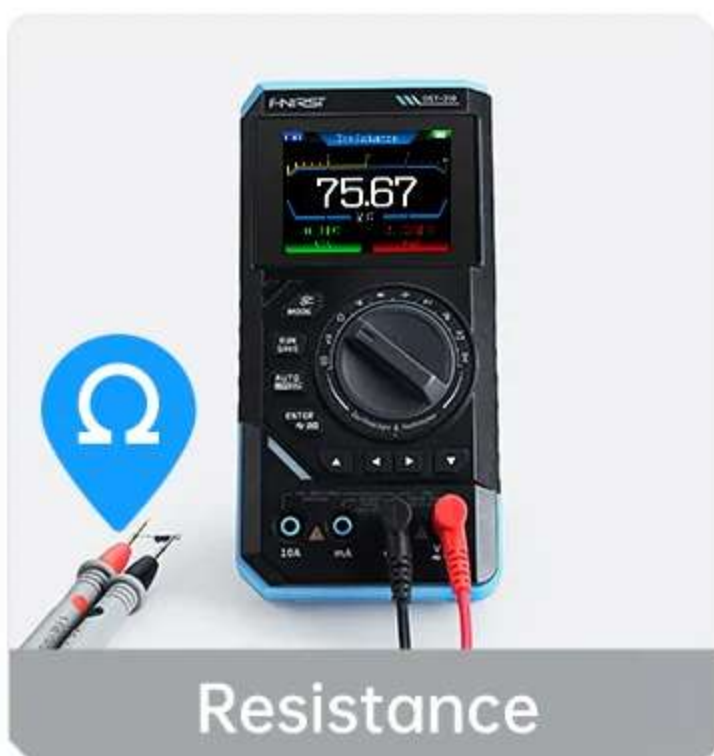
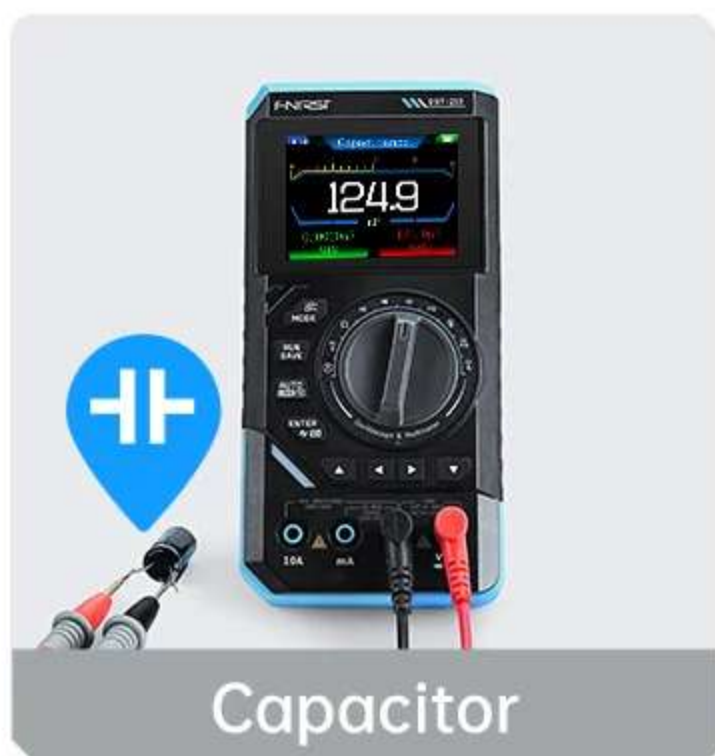
Audio—Catch distortion & drift instantly



Power—See ripples, drops, and glitches fast

Digital Multimeter

19999 TRMS | Curve Recording





AC Current



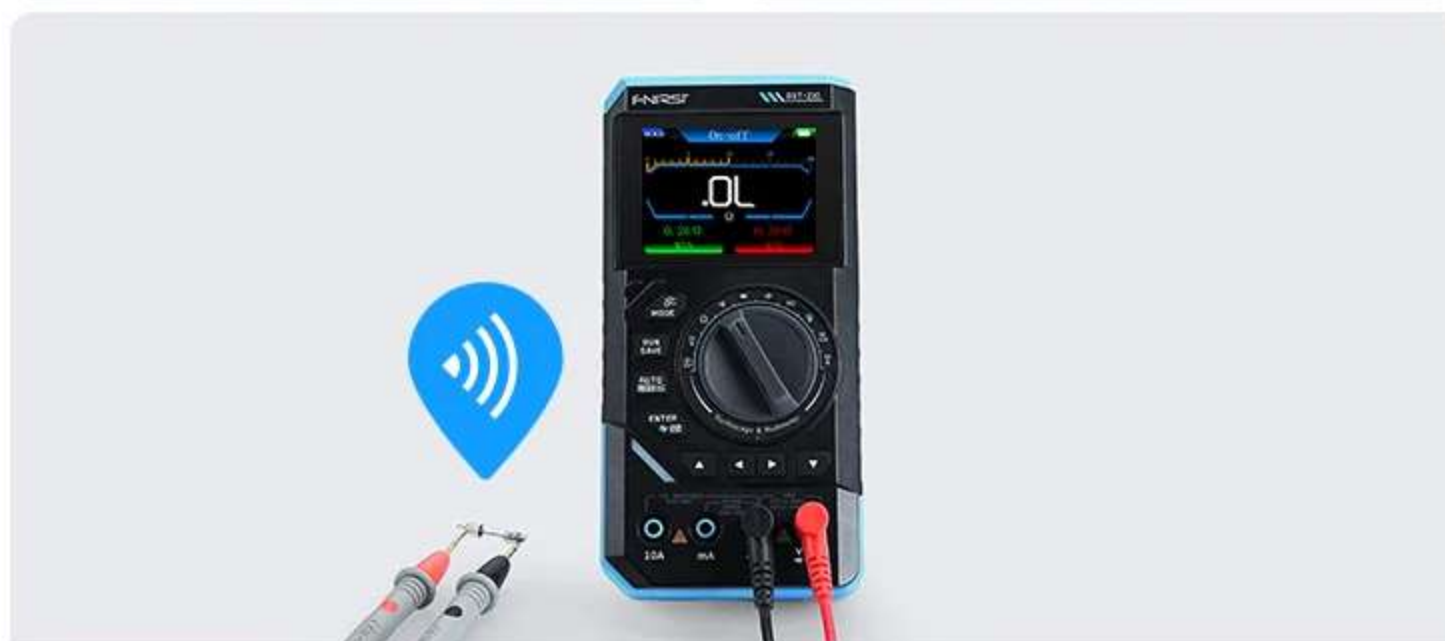
AC Voltage



DC Current



DC Voltage



Continuity Test

Closer Look On Details

Bright 2.8"

Color Display



Tough

Silicone Armor

Power That Goes The Distance



3000mAh
Lithium battery



Type-C
Charging



Auto Power-Off
15 / 30 / 60min

3000mAh

FNIRSI **DST-210**
10M Oscilloscope Multimeter
10MHz/48Msa/s
3000mAh
MADE IN CHINA
Shenzhen FNIRSI Technology Co., Ltd.
http://www.fnirsi.com

Product Parameter Comparison



Device Parameters	Specification		Notes
Model	DST-210	DST-201	
Screen Material	2.8 inches TFT Colorful Screen		
Backlight	Backlight brightness adjustable		
Charging Power	TYPE-C (5V1A)		
Battery	3000mAh		
Languages	中文/English		
Product Size	≈177.43x87.47x34.5mm		
Net Weight	≈300g		

Multimeter Parameters	Specification	Notes
DC Voltage	1.9999V/19.999V/199.99V/1000V	±(0.5%+3)
AC Voltage	1.9999V/19.999V/199.99V/750.0V	±(1.0%+3)
DC Current	19.999mA/199.99mA/1.9999A/9.999A	±(1.2%+3)
AC Current	19.999mA/199.99mA/1.9999A/9.999A	±(1.5%+3)
Resistance	19.999MΩ/1.9999MΩ/199.99KΩ/19.999KΩ	±(0.5%+3)
	1.9999KΩ/199.99Ω	±(2.0%+3)
Capacitance	999.9uF/99.99uF/9.999uF/999.9nF/ 99.99nF/9.999nF	±(2.0%+5)
	9.999mF/99.99mF	±(5.0%+20)
Frequency	9.999MHz/999.9KHz/99.99KHz/9.999KHz/ 999.99Hz/99.99Hz/9.999Hz	±(0.1%+2)
Temperature	(-55~1300°C)/(-67~2372°F)	±(2.5%+5)
Diode/Continuity	✓	
Single Probe AC Voltage Measurement(LIVE)	✓	

Oscilloscope Parameters	Specification		
Real-time Sampling rate	48MSa/s	5MSa/s	
Analog Bandwidth	10MHz	1MHz	
Input Impedance	1M Ω		
Coupling Mode	AC/DC		
Test Voltage Range	1:1 Probe:80Vpp($\pm$ 40V)		Oscilloscope sets X1 gear
	10:1 Probe:800Vpp($\pm$ 400v)		Oscilloscope sets X10 gear
Vertical Sensitivity	10mV/div~10V/div		X1 gear
Vertical Displacement	Adjustable with indicators		
Level Time Base	50ns~20s	500ns~20s	
Trigger Mode	Auto/Normal/Single		
Trigger Type	Rising Edge&Falling Edge		
Trigger Level	Adjustable with indicators		
Waveform Freeze	Support (HOLD function)		
Auto Measurement	Maximum,Minimum,Average,RMS, VPP,Frequency,Period,Duty Cycle		

Signal Source Parameters	Specification		Notes
Output Waveform	Support 13 types of waveform output		
Waveform Frequency	0-50KHz	0-10KHz	
Square Duty Cycle	0-100%, Square&Sawtooth are adjustable		
Waveform Amplitude	0.1V-3.0V		

Included Accessories



1.DST-210 DMM Scope

2.P6100 Probe

3.DMM Test Leads

4.Alligator Clip Probe

5.USB Data Cable

6.User Guide

7.GiftBox