

2D15P OSC · DMM · SG

3 IN 1 | 100MHz | Desktop Oscilloscope Multimeter

[4.3" IPS] Touchscreen



2CH | 500MSa/s



19,999 | TRMS



10MHz DDS SG





Versatile & Efficient Measurement



2 CH



4.3" IPS
Touch

MHz

100MHz



Grayscale &
Color Temp

19999

19,999
TRMS



Math
Function



X-Y
Mode



Infinite
Persistence



Cursor
Function



13
Measurements



Auto
Measure



20MHz
BW Limit



Wave Save
& Export



5000mAh
Battery



Firmware
Upgrade

Touch & Knob Control

Fast. Simple. Precise.

4.3-inch capacitive touchscreen + physical buttons, seamlessly integrated for smooth operation.



4.3"



Touch Control

Quick touch for switching & confirming.



4.3" IPS Display

Layered color display for precise operation.



Knob Control

Accurate knob — steady, precise adjustments.

Small Size Powerful Power

30% lighter, compact & powerful — 5000mAh battery,
Type-C charging, test anywhere

30%



Hardcore Architecture Superior Performance

FPGA + MCU + ADC work together for ultra-fast signal processing with flexible control and precise capture.



20MHz Bandwidth Limit

Precise ripple measurement — reduces noise, delivers clear & true signals, enhances accuracy & stability

20MHz



Math Function Waveform Insight

6 math functions for easy waveform measurement
& enhanced data analysis



Catch the Waveform Master the Signal

13 parameters (RMS, Peak, etc.) with cursor
for quick anomaly detection



Digital Fluorescence Grayscale & Color Temp

Fluorescent display with grayscale & color temp captures real-time dynamics, resolves waveform details, and detects glitches.



Three Trigger Modes

Auto Trigger
for quick display;

Normal Trigger
for continuous capture;

Single Trigger
to freeze rare signals
for precise analysis.



Powerful Analysis Tools



XY Lissajous Graphs

Visual tool for analyzing signal phase & frequency, turning differences into intuitive shapes (circle, ellipse, line) for quick insight.

Infinite Persistence

Captures transient signals and retains waveforms on screen, making it easy to observe single-shot, fleeting, or slow-changing signals.



Trigger Types

Rising Edge: Locks on positive transitions, ideal for standard waveforms, ensuring precise, efficient triggering.

Falling Edge: Captures negative transitions, focusing on shutdown or reversal events for accurate analysis.

Dual Edge: Triggers on rising & falling edges, perfect for high-frequency or complex signals, minimizing mode switching and improving efficiency.



19,999 TRMS Digital Multimeter

"High-resolution display + True RMS + Pro features" capture tiny changes and ensure accurate non-sinusoidal measurements.



Visualize Your Data

Curve view captures real-time measurement changes, producing clear, intuitive trend graphs.



10MHz Signal Generator 9 Waveforms

Adjustable frequency, amplitude & duty cycle



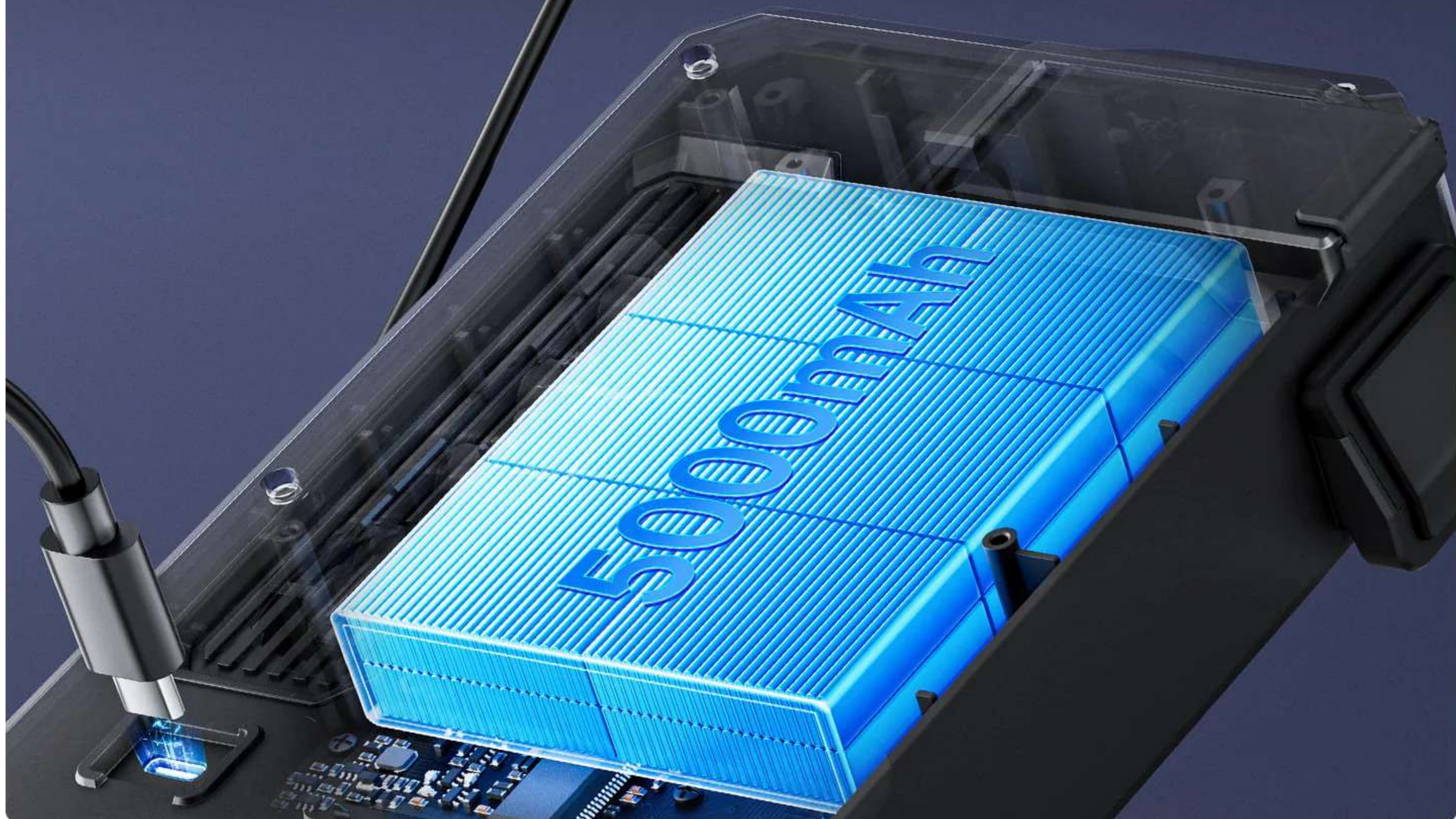
Waveform Export Firmware Upgrade

Connect via USB to export waveforms or update
firmware for further analysis.



Built-in Battery Enduring Power

5000mAh rechargeable battery with Type-C charging and
15/30/60min auto-shutdown.



Every Detail Crafted with Care

Adjustable Anti-Slip Stand

Stable support for safe use



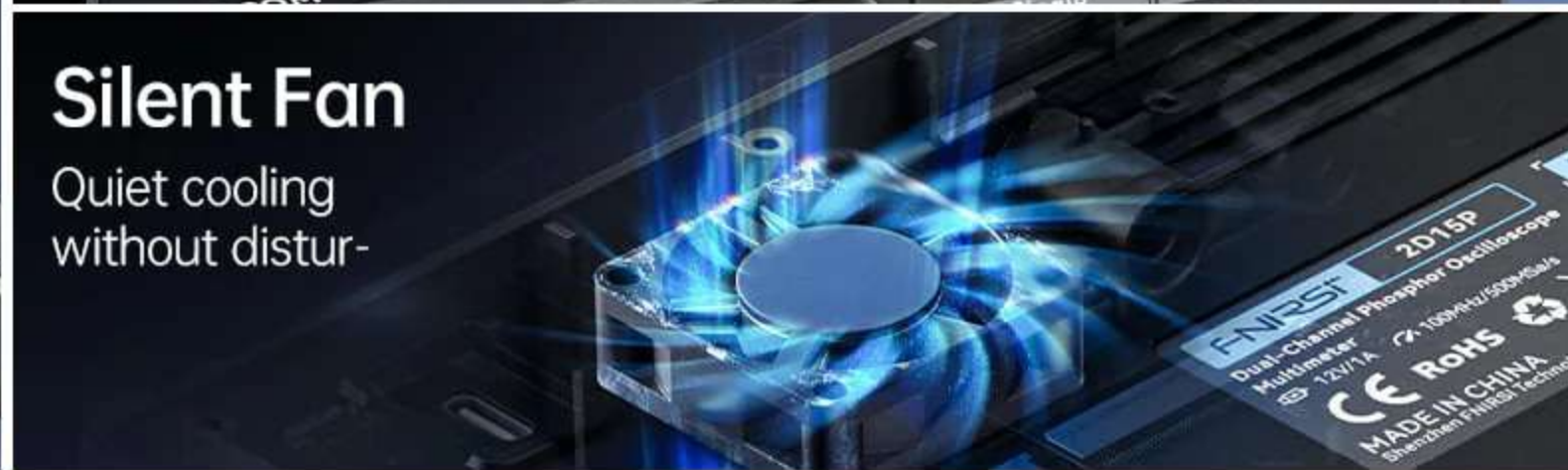
Independent Trigger

Dedicated button for convenient operation



Silent Fan

Quiet cooling without distur-

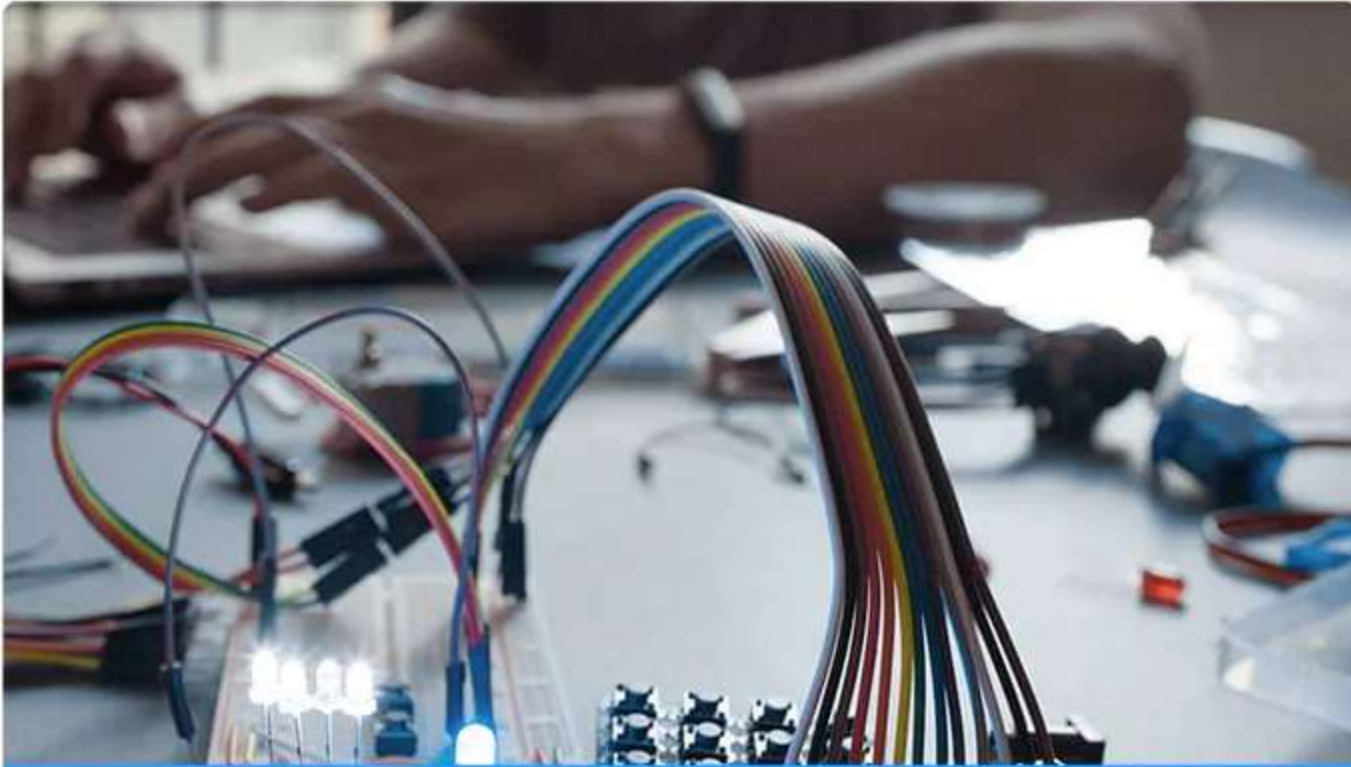


Pre-Drilled Wall Mount

Stand-compatible, saves space (stand not included)



Versatile Applications



Development Engineering



Equipment Maintenance



Research & Education



Field Testing

Oscilloscope Function



LIN Bus: Troubleshoot Communication Issues



Audio: Catch distortion & drift instantly



Power: See ripples, drops, and glitches fast

Multimeter Function



C Capacitance



Ω Resistance



buzzer Continuity



D Diode



V DC Voltage



V AC Voltage



A DC Current



A AC Current

Product Parameters



Oscilloscope Specifications

Channel	Dual Channel
Sample Rate	500MSa/s
Analog Bandwidth	100MHz
Memory Depth	10K, 100K, 1M
Input Impedance	1M Ω
Timebase Range	5ns - 50s
Vertical Sensitivity	10mV - 10V/div
Max Input Voltage	800V ($\times 10$ Probe)
Trigger Mode	Auto, Normal, Single
Trigger Type	Rising, Falling, Both Edges
Display Mode	Dot, Vector, Color Temp
Coupling	AC/DC
Persistence	min/2s/5s/10s/20s/50s/ ∞
Math Operations	√
Waveform Capture	√
Waveform Export	√
Cursor Measurement	√



Multimeter Specifications

DC Voltage	1.9999V/19.999V/199.99V/1000V
AC Voltage	1.9999V/19.999V/199.99V/750.0V
DC Current	19.999mA/199.99mA/1.9999A/9.999A
AC Current	19.999mA/199.99mA/1.9999A/9.999A
Resistance	19.999M Ω /1.9999M Ω /199.99K Ω /19.999K Ω
	1.9999K Ω /199.99 Ω
Capacitance	999.9uF/99.99uF/9.999uF/999.9nF/99.99nF/9.999nF
	9.999mF/99.99mF
Diode	√
Continuity	√



Signal Generator Specifications

Channel	1CH
Frequency	0 - 10 MHz
Amplitude	0.1 - 3.0 Vpp
Duty Cycle	0 - 100%



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FNRST 菲尼瑞斯
2D15P
100M双通道荧光示波器万用表说明书 V1.0
3-IN-1 2CH 100 MHz PHOSPHOR SCOPEMETER USER MANUAL



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1. 2D15P Scope DMM

2. P6100 Probe * 2

3. Multimeter Probe

4. Alligator Clip Probe

5. USB Data Cable

6. User Guide