

SigGen 3-in-1 FNIRSI DST-201 handheld digital multimeter with oscilloscope



Model: DST-201

Manufacturer: FNIRSI

EAN: 5905156102309

Product Code: 1298703

R1,837

FNIRSI DST-201 3-in-1 Handheld Digital Multimeter with Oscilloscope and SigGen

The FNIRSI DST-201 is a new generation handheld digital multimeter that combines a True RMS multimeter, handheld oscilloscope, and DDS signal generator (SigGen) in one mobile device. Right from the start, it offers what classic meters lack: real-time waveform view, precise measurements up to 19,999 counts, data logging, trend analysis, and the ability to actively test circuits with a test signal. It is a complete tool for diagnostics, service, and field work.

A true handheld oscilloscope - full signal control

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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The built-in oscilloscope with 1 MHz bandwidth and 5 MSa/s sampling allows you to observe signals with unprecedented detail in this class. Trigger functions, level adjustment, Auto/Normal/Single modes, and Infinite Afterglow make short disturbances, spikes, drops, or jitter immediately visible. This is a huge advantage in diagnosing power supplies, audio, LIN buses, PWM, or automotive electronics.

DDS generator for active circuit testing

The DST-201 is equipped with a DDS signal generator supporting 13 waveform types ([including](#) sine, square, sawtooth, half-wave, step). The frequency range of 0–10 kHz, amplitude of 0.1–3.0 V, and adjustable duty cycle of 0–100% allow you to test amplifiers, tune filters, simulate PWM, and check circuit response without additional equipment. One tool – complete control over the signal.

True RMS multimeter - confidence in every measurement

As a full-fledged True RMS multimeter, the DST-201 measures AC/DC voltage and current, resistance, capacitance, frequency, temperature, diodes, and circuit continuity. It supports Live/Wire (fast phase wire detection), Data Hold, auto mode, and intelligent burnout protection. The result is accurate, stable, and safe measurements—even with distorted waveforms.

A graph instead of guesswork - see how the signal changes over time

Curve Mode and the data logging function allow you to save and display changes in values over time in the form of a graph. This makes it easy to spot instabilities, fluctuations, voltage drops, or problems that only occur momentarily. This tool is designed for real-world problems, not laboratory ideals.

Capture a fraction of a second and analyze it at your leisure with the HOLD button

The Waveform Hold function allows you to "freeze" the waveform at a key moment, and the data recording allows for later analysis or export. When a fault lasts a fraction of a second, the DST-201 will stop it and show it. Less stress, faster conclusions, more effective repairs.

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Clear screen in all conditions

The bright 2.8-inch TFT color display offers two themes: day mode (black on white) and night mode, so the device remains readable in full sunlight, at night, or in control cabinets. Large digits, graphs, MIN/MAX and RMS indicators—all visible at a glance.

Power and mobility without compromise

The built-in 3000 mAh battery, charged via USB-C, ensures long operating time and convenience of use. Programmable auto-off (15/30/60 min) saves energy, and a sturdy silicone cover protects the device from impacts and workshop conditions. This equipment is ready for field work.

Thoughtful ergonomics and classic operation

The iconic function knob combined with a modern interface makes operation quick and intuitive. Automatic range selection, logical menus, and physical buttons give you full control even when wearing work gloves. It's a combination of classic design and modern electronics.

Included:

- FNIRSI DST-201
- P6100 oscilloscope probe
- Test leads
- Probe with alligator clips
- USB cable
- User manual

Manufacturer	FNIRSI
Model	DST-201
Device type	3-in-1 handheld digital multimeter: True RMS multimeter, oscilloscope, DDS signal generator

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Screen	2.8" color TFT display with day and night modes
Resolution	19,999 counts
Oscilloscope	1 MHz bandwidth, 5 MSa/s sampling, Auto/Normal/Single modes, Infinite Afterglow, Waveform Hold
Signal generator	DDS, 13 waveforms, 0–10 kHz, amplitude 0.1–3.0 V, duty cycle 0–100%
Voltage measurement	DC up to 1000 V, AC up to 750 V
Current measurement	AC/DC up to 9.999 A
Other measurements	Resistance, capacitance, frequency, temperature, diode test, continuity test, Live/Wire
Power supply	3000 mAh battery, USB-C charging, auto power off 15/30/60 min
Construction	Reinforced housing with silicone cover, intelligent overload protection

GPSR Link: https://psr-assets.innpro.pl/tools/sg_tools_other.pdf, Net weight: 298, Box length: 18,50, Box width: 9,50, Box height: 9,00, Gross weight: 590, PPWR: <https://ppwr.innpro.pl/fnirsi>

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