

SigGen 3-in-1 FNIRSI DST-210 handheld digital multimeter with oscilloscope



Model: DST-210

Manufacturer: FNIRSI

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Product Code: 1298702

R2,115

FNIRSI DST-210 3-in-1 Handheld Digital Multimeter with Oscilloscope SigGen

The FNIRSI DST-210 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 built-in 10 MHz bandwidth oscilloscope with 48 MSa/s sampling allows you to observe signals with unprecedented detail in this class. Trigger functions, level adjustment, Auto/Normal/Single

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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-210 is equipped with a DDS signal generator supporting 13 waveform types ([including](#) sine, square, saw, half-wave, step). The frequency range of 0–50 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 – full control over the signal.

True RMS multimeter - confidence in every measurement

As a full-fledged True RMS multimeter, the DST-210 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-210 will stop it and show it. Less stress, faster conclusions, more effective repairs.

Easy-to-read screen in all conditions

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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-210
- P6100 oscilloscope probe
- Test leads
- Probe with alligator clips
- USB cable
- User manual

Manufacturer	FNIRSI
Model	DST-210
Device type	3-in-1 handheld digital multimeter: True RMS multimeter, oscilloscope, DDS signal generator
Screen	2.8" color TFT display with day and night modes
Resolution	19,999 counts

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Oscilloscope	10 MHz bandwidth, 48 MSa/s sampling, Auto/Normal/Single modes, Infinite Afterglow, Waveform Hold
Signal generator	DDS, 13 waveforms, 0–50 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/car_accessories/sg_car_accessories_diagnostic_tools.pdf, Net weight: 298, Box length: 18,50, Box width: 10,00, Box height: 9,00, Gross weight: 640, PPWR: <https://ppwr.innpro.pl/fnirsi>

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