

FNIRSI DSO-TC3 3-in-1 Handheld Multitester and Oscilloscope

The **FNIRSI DSO-TC3 3-in-1 Handheld Multitester and Oscilloscope** is a revolutionary portable device that combines multiple essential electronic testing functions into a single, compact tool. Designed for electronics engineers, field technicians, hobbyists, and students, this multitester provides accurate measurements, convenient diagnostics, and real-time waveform analysis for a wide range of electrical and electronic applications. Whether you are troubleshooting circuits, testing batteries, or analyzing signals, the DSO-TC3 delivers reliable performance and exceptional versatility.

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FNIRSI DSO-TC3 3 In 1

Handheld Multitester and Oscilloscope[/caption]

3-in-1 Functionality for Maximum Utility

The **FNIRSI DSO-TC3** stands out as a multifunctional handheld device that integrates three essential tools:

1. **Digital Oscilloscope:** With high-resolution waveform display, the oscilloscope allows users to visualize and analyze complex electronic signals. It supports voltage and time measurements, enabling precise observation of signal behavior in circuits.
2. **Multitester:** The built-in multitester measures voltage, current, and resistance accurately. It is ideal for checking circuit continuity, testing batteries, and verifying electrical components in real-time.
3. **Battery Tester:** Quickly and efficiently tests battery voltage and condition, making it perfect for professionals and hobbyists working with battery-powered devices.

By combining these three tools, the DSO-TC3 eliminates the need for multiple instruments, saving space, cost, and time, while offering precise, reliable results.

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FNIRSI DSO-TC3 3 In 1

Handheld Multitester and Oscilloscope[/caption]

High-Precision Digital Oscilloscope

The oscilloscope function of the **FNIRSI DSO-TC3** delivers high-speed signal capture and accurate waveform display. Its main features include:

- **High-Resolution Display:** The color screen ensures waveforms are clear and easy to read, even in challenging lighting conditions.
- **Real-Time Signal Analysis:** Monitor dynamic changes in voltage and current with precision.
- **Waveform Zoom Function:** Zoom in on specific sections of a waveform for detailed inspection of signal anomalies.
- **XY Mode & FFT Analysis:** Perform frequency-domain analysis using FFT and visualize phase relationships and Lissajous patterns using XY mode.

These features make the DSO-TC3 oscilloscope suitable for electronics testing, circuit troubleshooting, and educational applications.

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FNIRSI DSO-

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Accurate Multimeter Functionality

The **FNIRSI DSO-TC3 multitester** provides precise measurements for a wide range of electrical parameters:

- **Voltage Measurement:** AC/DC voltage readings for low- and high-voltage circuits.
- **Current Measurement:** Accurate current detection for circuit diagnostics.
- **Resistance Measurement:** Quickly identify faulty components or circuit breaks.
- **Continuity Testing:** Detect short circuits and ensure connections are correct.

The multitester function is especially useful for field service engineers and hobbyists who require fast and reliable electrical measurements without carrying a separate multimeter.

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FNIRSI DSO-TC3 3 In

1 Handheld Multitester and Oscilloscope[/caption]

Portable and User-Friendly Design

One of the standout features of the **FNIRSI DSO-TC3** is its **compact and ergonomic design**. The handheld device fits comfortably in one hand, making it ideal for fieldwork, repair tasks, and educational labs. Key design advantages include:

- **Intuitive Interface:** Easy-to-navigate buttons and clear display for quick access to all functions.
- **Auto-Set Functionality:** Automatically optimizes settings for incoming signals and measurements, making it beginner-friendly.
- **Durable Construction:** Built to withstand daily usage in labs, workshops, and field environments.

This portability ensures you can carry the device wherever your projects take you without sacrificing performance.

Applications Across Multiple Fields

The **FNIRSI DSO-TC3 3-in-1 Handheld Multitester and Oscilloscope** is a versatile tool with numerous applications:

- **Electronics Design & Development:** Ideal for testing circuits, monitoring signal integrity, and verifying component performance.
- **Field Service & Repairs:** Diagnose and repair electronics, automotive circuits, and battery-powered devices on-site.
- **Educational Labs & Training:** Perfect for students learning about waveforms, signal analysis, and electronic principles.
- **DIY & Hobby Projects:** Excellent choice for electronics enthusiasts and makers who require professional-grade measurement tools in a single compact device.

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FNIRSI DSO-TC3 3 In

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Conclusion

The **FNIRSI DSO-TC3 3-in-1 Handheld Multitester and Oscilloscope** combines the precision of a digital oscilloscope, the practicality of a multitester, and the convenience of a battery tester in one portable device. With its high-resolution display, real-time signal analysis, accurate measurements, and user-friendly design, this device is perfect for professionals, students, and hobbyists alike.

Invest in the **FNIRSI DSO-TC3** today to streamline your electronics testing, troubleshooting, and measurement tasks with a single, reliable handheld device.