

FNIRSI DMT-99 Intelligent Color Screen Digital Multimeter

The **FNIRSI DMT-99 Intelligent Color Screen Digital Multimeter** is a cutting-edge, all-in-one testing tool designed for professionals, technicians, hobbyists, and students who require precision, reliability, and versatility in their electrical measurements. Combining modern digital technology with a robust, ergonomic design, the DMT-99 allows users to accurately measure voltage, current, resistance, continuity, capacitance, frequency, and more, all displayed clearly on its intelligent color screen. Its portability, accuracy, and intuitive interface make it an indispensable tool for troubleshooting, diagnostics, and electronic development.



Large Intelligent Color Screen for Clear Readings

One of the most impressive features of the **FNIRSI DMT-99** is its **high-resolution color display**, which provides crystal-clear visibility of all measurements. The intelligent screen uses different colors to distinguish between measurement types, making it easy to interpret results at a glance. The backlit display ensures readability even in low-light conditions, ideal for fieldwork, workshops, or labs. With this feature, users can instantly identify voltage, current, or resistance readings without confusion, reducing errors and enhancing workflow efficiency.



Comprehensive Measurement Capabilities

The **FNIRSI DMT-99 Digital Multimeter** offers a wide range of measurement functions that cover nearly every requirement for electrical and electronic testing:

- **Voltage Measurement:** Accurately measures AC and DC voltage across circuits, power supplies, and battery-operated devices.
- **Current Measurement:** Measures AC and DC current efficiently, enabling technicians to analyze circuit load and performance.
- **Resistance Testing:** Detects open circuits, short circuits, or faulty components quickly and reliably.
- **Continuity Testing:** Features audible alerts for quick verification of circuit connections, saving time during diagnostics.
- **Diode Testing:** Evaluates diodes and semiconductor components accurately, ensuring correct functionality.
- **Capacitance & Frequency Measurement:** Essential for electronics design, the DMT-99 allows accurate testing of capacitors and frequency signals in circuits.
- **Battery Testing:** Provides quick checks for battery voltage and health, perfect for both professional and personal use.

This comprehensive functionality eliminates the need for multiple instruments, making the DMT-99 an all-in-one solution for professionals and hobbyists alike.



Smart Features for Ease of Use

Designed with user convenience in mind, the **FNIRSI DMT-99** includes a range of intelligent features that simplify testing and improve accuracy:

- **Auto-Ranging:** Automatically selects the correct measurement range for precise readings without manual adjustment.
- **Data Hold Function:** Allows users to freeze readings on the screen, making it easier to document and analyze results.
- **Overload Protection:** Protects the multimeter and the user from unexpected high voltage or current.

- **Low Battery Indicator:** Alerts when battery replacement is needed to ensure uninterrupted operation.
- **User-Friendly Interface:** Intuitive menu and navigation buttons make it easy for beginners and professionals to operate without a steep learning curve.

These smart features make the DMT-99 not only a highly accurate tool but also a safe, reliable, and user-friendly device suitable for all levels of expertise.

Portable, Durable, and Ergonomic Design

The **FNIRSI DMT-99 Multimeter** is lightweight, compact, and ergonomically designed for comfortable handling. Its robust housing protects the device from accidental drops, while high-quality test leads ensure secure and reliable contact with measurement points. Portability allows technicians and engineers to carry it anywhere—from laboratories to industrial sites—without compromising performance. Its durable construction guarantees longevity, making it an investment in a dependable, long-lasting testing tool.

Wide Range of Applications

The **FNIRSI DMT-99 Intelligent Color Screen Digital Multimeter** is ideal for numerous applications, including:

- **Electronics Design & Development:** Perfect for circuit analysis, component testing, and signal verification during product development.
- **Field Service & Repairs:** Essential for technicians repairing electrical equipment, automotive electronics, and appliances in real-world environments.
- **Educational Use:** A reliable teaching tool for students, allowing them to understand electrical principles and learn practical measurement techniques.
- **DIY & Hobby Projects:** Perfect for electronics enthusiasts building or troubleshooting personal projects with professional-grade accuracy.

Its versatility ensures it meets the needs of both professional engineers and hobbyists, making it an essential addition to any electronics toolkit.





Conclusion

The **FNIRSI DMT-99 Intelligent Color Screen Digital Multimeter** combines **precision, versatility, and durability** in one compact, portable, and easy-to-use device. Its intelligent color screen enhances readability, reduces measurement errors, and allows users to monitor multiple parameters simultaneously. With a wide range of measurement capabilities—voltage, current, resistance, continuity, capacitance, frequency, diode, and battery testing—the DMT-99 provides an all-in-one solution for electronics testing and electrical diagnostics.

Designed for both professionals and hobbyists, this multimeter offers smart features such as auto-ranging, data hold, overload protection, and low battery indication, ensuring accurate,

efficient, and safe measurements. Its robust, ergonomic design ensures durability in the field or lab, while its portability allows convenient use anywhere.

Investing in the **FNIRSI DMT-99** equips you with a **reliable, high-performance digital multimeter** that saves time, increases accuracy, and enhances productivity. Whether you are troubleshooting complex circuits, performing electrical diagnostics, or working on DIY projects, the DMT-99 is the perfect tool to ensure precise, efficient, and safe measurements every time.