

Digital Multimeter DT-830D (With Buzzer) – Reliable & Affordable Testing Tool

The **Digital Multimeter DT-830D** is one of the most popular and widely used measuring instruments for electronics students, hobbyists, technicians, and engineers. Known for its **affordable price, accuracy, and durability**, this device is the perfect companion for troubleshooting electrical circuits, testing components, and performing day-to-day maintenance tasks. Whether you're working in a **university lab, workshop, or at home**, the DT-830D is a reliable tool that provides consistent performance.

Key Features of DT-830D Digital Multimeter

1. **Multiple Measurement Functions**
 - DC Voltage (200mV – 1000V)
 - AC Voltage (200V – 750V)

- DC Current (200 μ A – 10A)
- Resistance (200 Ω – 2000k Ω)
- Transistor Testing (hFE)
- Diode Testing
- Continuity Test with Audible Buzzer

This wide range of functions makes it suitable for both **basic household electrical checks** and **complex electronic circuit troubleshooting**.

2. **Built-in Buzzer for Continuity Test**

The DT-830D is equipped with an **audible buzzer**, making it easy to identify short circuits and wire connections without constantly looking at the display. This feature is especially useful for quick fault detection in wiring and electronic boards.

3. **Large & Clear LCD Display**

The multimeter features a **3½ digit LCD display (1999 counts)**, providing accurate readings that are easy to view even in dimly lit environments.

4. **Lightweight & Portable Design**

Compact in size and lightweight, the DT-830D is designed for portability. It can easily fit in a **toolbox, lab bag, or pocket**, making it convenient for on-the-go use.

5. **Durable Build Quality**

Made from high-quality ABS plastic with a protective outer casing, the DT-830D ensures **long-term durability**. The rotary switch is smooth and precise, allowing quick selection of the required measurement range.

6. **Battery Powered**

Operates on a **9V battery**, ensuring long-lasting use. The battery compartment is easily accessible for quick replacements.



Applications of DT-830D Digital Multimeter

- **Educational Use:** Perfect for engineering and electronics students learning the basics of circuits, Ohm's Law, and component testing.
- **Home Use:** Ideal for checking batteries, household wiring, power adapters, and small appliances.
- **Professional Use:** A handy tool for electricians, repair technicians, and engineers for quick testing and troubleshooting.
- **DIY Projects & Prototyping:** Great for hobbyists working with Arduino, Raspberry Pi, robotics, and other electronics projects.

Technical Specifications

- **Display:** 3½ digit LCD, 1999 max reading
- **DC Voltage:** 200mV, 2000mV, 20V, 200V, 1000V
- **AC Voltage:** 200V, 750V
- **DC Current:** 200μA, 2000μA, 20mA, 200mA, 10A
- **Resistance:** 200Ω, 2000Ω, 20kΩ, 200kΩ, 2000kΩ
- **Transistor Test:** hFE (NPN/PNP)
- **Diode Test:** Yes
- **Continuity Test:** Yes, with buzzer
- **Power Supply:** 9V battery
- **Dimensions:** Approx. 126 × 70 × 24 mm
- **Weight:** Lightweight, easy to carry

Why Choose DT-830D Multimeter?

The **DT-830D Digital Multimeter with buzzer** is an **affordable, reliable, and easy-to-use testing tool** that meets the needs of beginners and professionals alike. Unlike traditional analog meters, this digital multimeter provides **precise readings**, reducing human error. Its built-in buzzer makes continuity checks much faster, saving time in diagnosing electrical faults.

Whether you are a **student building your first circuit, a technician repairing home appliances, or an engineer working on complex systems**, the DT-830D is a **must-have tool** in your toolkit.

✓ Conclusion:

The **DT-830D Digital Multimeter with buzzer** is more than just a budget-friendly device; it's a **dependable tool for learning, experimenting, and troubleshooting electronics**. With its clear display, reliable accuracy, and multiple testing modes, it's an **essential choice** for students, hobbyists, and professionals.