

Digital Multimeter with Backlight

This digital multimeter measures DC voltage, AC voltage, DC current, and resistance. It features a backlight, transistor test function, diode test function, and data hold function.



Overview

Professional Digital Multimeter

The MAS830L is a versatile digital multimeter designed for precise measurements of voltage, current, and resistance. It features a high-contrast LCD with a backlight for clear visibility in low-light environments and includes a data hold function for convenient recording. This compact and lightweight tool is ideal for both field work and laboratory testing, offering reliable performance for electronic troubleshooting.

Key Metrics

Primary Metrics

1999 Counts

Max Display

600 V

Max DC Voltage

10 A

Max DC Current

Measurement Ranges

Detailed Measurement Specifications

Function	Range	Accuracy
DC Voltage (DCV)	200mV - 600V	±(0.5% + 2)
AC Voltage (ACV)	200V - 600V	±(1.2% + 10)
DC Current (DCA)	200µA - 10A	±(1% + 2)
Resistance (OHM)	200Ω - 2MΩ	±(0.8% + 2)

Testing & Functions

Testing Capabilities

- Transistor Test (hFE)
- Diode Test
- Continuity Buzzer
- Data Hold Function

Quick Features

NPN/PNP Test, Portable, Backlit LCD, Manual Range

Display & Interface

LCD Backlight

Yes

Physical Characteristics

Dimensions	69 x 138 x 31mm
Net Weight	170 g

Power Requirements

Power Supply	9V 6F22 Battery
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