

# 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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