

Digital Capacitance Multimeter

This digital multimeter is designed for measuring capacitance. It offers a variety of ranges and features a maximum display of 1999 with overrange indication.



Overview

High-Precision Digital Capacitance Meter

The KT-7115 is a dedicated digital multimeter engineered for precise capacitance measurements across a wide range of values. Featuring a clear 1999-count display and a rapid measurement rate of 2.5 times per second, it is an essential tool for electronic testing and quality control. Its compact, lightweight design ensures portability and ease of use in both laboratory and field environments.

Key Performance Metrics

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1999 counts

Max Display

2.5 Hz

Sampling Rate

20 mF

Max Capacitance

Measurement Specifications

Capacitance Measurement Ranges

| Range | Accuracy |
|--------------------------------------|---|
| 200 pF | $\pm(0.5\% \text{ rdg} + 1 \text{ dgt} + 0.5 \text{ pF})$ |
| 2000p / 20n / 200n / 2¼ / 20¼ / 200¼ | $\pm(0.5\% \text{ rdg} + 1 \text{ dgt})$ |
| 2000 ¼ | $\pm(2\% \text{ rdg} + 1 \text{ dgt})$ |
| 20 mF | $\pm(4\% \text{ rdg} + 1 \text{ dgt})$ |

Device Interface

Display & Indicators

- Maximum display: 1999 counts
- Overage indicator: '1' is displayed
- Measurement rate: 2.5 times per second

Physical Characteristics

Weight Note

Including Battery

| | |
|------------|------------------|
| Dimensions | 151 x 70 x 38 mm |
| Weight | 200 g |

Safety & Operation

Operating Precautions

Discharge capacitor before connecting