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Data Sheet
July 30, 2026

TEKTRONIX

Tektronix CDM250 Digital Multimeter

The Tektronix CDM250 isastand-alone 3.5-digit digital multimeter that measures analog quantities and displays them in digital form. Public Tektronix user manual and service references describe the CDM250 asabench multimeter for AC and DC voltage, AC and DC current, and resistance measurements, with RMS response for AC quantities andabright LED display. The CDM250 is intended for general-purpose bench troubleshooting, electrical measurement, service, and lab use where straightforward voltage, current, and resistance measurements are required. Its multiple range support and compact bench format make it suitable for routine verification and repair work. The CDM250 is intended for general-purpose bench troubleshooting, electrical measurement, service, and lab use where straightforward voltage, current, and resistance measurements are required. Its multiple range support and compact bench format make it suitable for routine verification and repair work.

MODEL **Tektronix CDM250**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **CDM250**	LISTING **https://aumictechlabs.com/products/cdm250-2/**

NIST-traceable cal · SAM registered · 30-day returns · NAICS 423690 · 811210 · 541380

This unit

The Tektronix CDM250 is a 3½-digit digital multimeter engineered for general-purpose electrical testing across DC/AC voltage, current, and resistance measurements. The instrument delivers true RMS readings with a 3½-digit LED display showing ±1999 counts, minus sign polarity indication, and overrange status via leftmost '1' display. Built-in overload protection,

UL1244/CSA231/EN61010-1 certification, and a ruggedized case with locking multiposition handle ensure field durability and safety compliance.Technical Specifications DC Voltage: 200 mV to 500 V ranges; ±(0.5% + 1 count) accuracy; 500 VDC maximum input. AC Voltage: 200 mV to 500 V ranges; ±(1.0% + 4 counts) accuracy; 350 VRMS / 500 V (DC + peak AC) maximum; true RMS sine wave display. DC Current: 200 µA to 10 A ranges; ±(1.0% + 1 count) accuracy; 2 A fused, 10 A unfused maximum input. AC Current: 200 µA to 10 A ranges; ±(1.5% + 4 counts) accuracy; 650 V peak maximum input voltage (current to common); true RMS sine wave display. Resistance: 200 Ω to 20 MΩ ranges; ±(0.75% + 1 count) accuracy; 500 V (DC + peak AC) maximum input. Additional Functions: Diode testing. Power source: not exceeding 250 VRMS between supply conductors or either conductor and ground.Key Features True RMS measurement capability for AC voltage and current Separate 10 A unfused and V–Ω input jacks for flexible test lead configuration LED display with automatic polarity and overrange indication Multiposition locking handle enables instrument stacking UL and CSA safety certificationTypical Applications Electrical troubleshooting, field service, maintenance testing, and circuit verification in industrial and commercial environments.Compatibility & Integration The ruggedized case and foldable handle design permit stacking with other instruments in the same series, optimizing portable test kit configuration.

Features & description

From manufacturer datasheet

Features

• 3.5-digit LED display to +/-1999 counts • AC and DC voltage measurements • AC and DC current measurements • Resistance measurements • RMS readout for AC voltage and current • Locking multiposition handle for bench stacking and tilt support • Bench AC power operation

CDM250 Characteristics / Specifications

PARAMETER	VALUE
Model	CDM250
Instrument Type	Digital Multimeter
Display	3.5-digit LED display, +/-1999 counts
Measurements	AC voltage, DC voltage, AC current, DC current, resistance
DC Voltage Ranges	200 mV, 2 V, 20 V, 200 V, 500 V
Basic DC Voltage Accuracy	+/-0.5% of reading + 1 count
Maximum DC Input Voltage	500 VDC (DC + peak AC)
Input Resistance DC Voltage	10 MOhm
AC Voltage Ranges	200 mV, 2 V, 20 V, 200 V, 500 V
Basic AC Voltage Accuracy	+/-1.0% of reading + 4 counts
Maximum AC Input Voltage	350 VAC RMS; 500 V (DC + peak AC)
Input Impedance AC Voltage	10 MOhm // less than or equal to 100 pF for 45 Hz to 500 Hz
DC Current Ranges	200 uA, 2 mA, 20 mA, 200 mA, 2 A, 10 A
Basic DC Current Accuracy	+/-1.0% of reading + 1 count
Maximum DC Input Current	2 A fused, 10 A unfused
AC Current Ranges	200 uA, 2 mA, 20 mA, 200 mA, 2 A, 10 A
Basic AC Current Accuracy	+/-1.5% of reading + 4 counts
Maximum AC Current Input Stress	650 V peak, current input to common
Resistance Ranges	200 Ohm, 2 kOhm, 20 kOhm, 200 kOhm, 2 MOhm, 20 MOhm
Basic Resistance Accuracy	+/-0.75% of reading + 1 count
Maximum Resistance Input Voltage	500 V (DC + peak AC)
Maximum Common Mode Voltage	500 V (DC + AC peak)
Line Voltage Range	90 to 110 VAC, 108 to 132 VAC, 198 to 242 VAC, and 216 to 250 VAC at 50 to 60 Hz
Power Consumption	10 VA, 6 W maximum
Ground Isolation	Maximum of 500 V from earth ground

PARAMETER	VALUE
Safety	UL1244, CSA231, EN61010-1
EMC	Meets Directive 89/336/EEC Operational Notes Alternating voltages and currents are average responding and calibrated to read RMS values of sine waves. The CDM250 is supplied with test leads and is intended for line-powered bench operation.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

Specifications

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Alternating voltages and currents are average responding and calibrated to read RMS values of sine waves. The CDM250 is supplied with test leads and is intended for line-powered bench operation.

Notes

This manual OEM source was compiled from official Tektronix CDM250 user manual references and public secondary specification summaries.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: **sales@aumictech.com** · +1 (484) 841-9341

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