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Data Sheet

August 14, 2026

FLUKE

Fluke 179/EDA2 True RMS Digital Multimeter and Deluxe Accessory Combo Kit

The Fluke 179/EDA2 combines a True RMS digital multimeter with a deluxe accessory kit for field service, troubleshooting, and laboratory work. The Fluke 179 delivers precise measurements across DC/AC voltage, current, resistance, capacitance, frequency, and diode testing, plus integrated temperature measurement. Safety-rated to CAT III 1000V and CAT IV 600V with 8000V transient protection, the meter suits demanding industrial and commercial environments. SureGrip™ accessories and a protective carrying case complete the kit. DC: 0.1 mV to 1000V, $\pm(0.09\% + 2)$ accuracy across 600.0 mV, 6.000 V, 60.00 V, 600.0 V, and 1000V ranges AC True RMS: 0.1 mV to 1000V (5% to 100% of range), $\pm(1.0\% + 3)$ accuracy; crest factor ≤ 3 at full scale to 500V, linearly decreasing to ≤ 1.5 at 1000V Current Measurement AC True RMS: 0.01 mA to 10A (5% to 100% of range), $\pm(1.5\% + 3)$ accuracy Resistance & Capacita



MODEL

Fluke 179/EDA2

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

179/EDA2

LISTING

<https://aumictechlabs.com/products/179-eda2-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke 179/EDA2 combines a True RMS digital multimeter with a deluxe accessory kit for field service, troubleshooting, and laboratory work. The Fluke 179 delivers precise measurements across DC/AC voltage, current, resistance, capacitance, frequency, and diode testing, plus

integrated temperature measurement. Safety-rated to CAT III 1000V and CAT IV 600V with 8000V transient protection, the meter suits demanding industrial and commercial environments. SureGrip™ accessories and a protective carrying case complete the kit.

Technical Specifications

Display & Interface 6000-count LCD with 4 Hz refresh rate and backlit operation 33-segment analog bargraph updating at 40 Hz Manual and automatic ranging Dimensions: 18.5 cm × 9.0 cm × 4.3 cm 9V battery with 200-hour typical life (without backlight) Closed-case front-panel calibration

Voltage Measurement DC: 0.1 mV to 1000V, $\pm(0.09\% + 2)$ accuracy across 600.0 mV, 6.000 V, 60.00 V, 600.0 V, and 1000V ranges AC True RMS: 0.1 mV to 1000V (5% to 100% of range), $\pm(1.0\% + 3)$ accuracy; crest factor ≤ 3 at full scale to 500V, linearly decreasing to ≤ 1.5 at 1000V

Current Measurement DC: 0.01 mA to 10A continuous, up to 20A for 30 seconds; $\pm(1.0\% + 3)$ accuracy AC True RMS: 0.01 mA to 10A (5% to 100% of range), $\pm(1.5\% + 3)$ accuracy

Resistance & Capacitance Resistance: 0.1 Ω to 50.00M Ω , $\pm(0.9\% + 1)$ accuracy Capacitance: up to 10,000 μ F with 1.2% accuracy at 9999 μ F range

Key Features True RMS AC measurements for distorted waveforms Fast continuity detection (250 μ s response, audible alert) Min/Max/Average recording for fluctuating signals Display Hold and Auto Hold modes Test lead alert for current modes High-impact overmold case with integrated probe holders Easy-access battery door (no calibration void) CAT III/IV safety with enhanced transient suppression

Typical Applications Electrical troubleshooting, field service diagnostics, temperature monitoring, capacitive load testing, and frequency analysis in industrial control and HVAC systems.

Compatibility & Integration Includes Fluke SureGrip™ accessory suite and durable soft carrying case for portability.

179EDA2 Characteristics / Specifications

PARAMETER	VALUE
Kit Model	179/EDA2
DMM Model	Fluke 179 true RMS
Voltage DC Accuracy	plus or minus (0.09 percent plus 2)
Voltage DC Maximum	1000 V
Voltage DC Max Resolution	0.1 mV
Voltage AC Accuracy	plus or minus (1.0 percent plus 3)
Voltage AC Maximum	1000 V
Voltage AC Max Resolution	0.1 mV
Current DC Accuracy	plus or minus (1.0 percent plus 3)
Current DC Maximum	10 A
Current DC Max Resolution	0.01 mA
Current AC Accuracy	plus or minus (1.5 percent plus 3)
Current AC Maximum	10 A
Current AC Max Resolution	0.01 mA
Resistance Accuracy	plus or minus (0.9 percent plus 1)
Resistance Maximum	50 MOhm
Resistance Max Resolution	0.1 ohm
Capacitance Accuracy	plus or minus (1.2 percent plus 2)
Capacitance Maximum	10000 uF
Frequency Accuracy	plus or minus (0.1 percent plus 1)
Frequency Maximum	100 kHz
Temperature Accuracy	plus or minus (1.0 percent plus 10)
Temperature Range	minus 40 C to 400 C
Operating Temperature	minus 10 C to plus 50 C
Storage Temperature	minus 30 C to plus 60 C

PARAMETER	VALUE
Size	43 × 90 × 185 mm
Mass	420 g
Battery Life	alkaline about 200 hours typical without backlight
Safety	EN 61010 1 1000 V CAT III and 600 V CAT IV

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 30 C to plus 60 C
Operating temperature	minus 10 C to plus 50 C
Operating Temperature	minus 10 C to plus 50 C
Size	43 × 90 × 185 mm
Mass	420 g
Battery Life	alkaline about 200 hours typical without backlight
Safety	EN 61010 1 1000 V CAT III and 600 V CAT IV Notes From Fluke 179 true RMS digital multimeter specification table applied to the 179/EDA2 deluxe accessory combo kit. Kit accessory list varies; electrical rows are the 179 meter.

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	
PARAMETER	VALUE
Kit Model	179/EDA2
DMM Model	Fluke 179 true RMS
Voltage DC Accuracy	plus or minus (0.09 percent plus 2)
Voltage DC Maximum	1000 V
Voltage DC Max Resolution	0.1 mV
Voltage AC Accuracy	plus or minus (1.0 percent plus 3)
Voltage AC Maximum	1000 V
Voltage AC Max Resolution	0.1 mV
Current DC Accuracy	plus or minus (1.0 percent plus 3)
Current DC Maximum	10 A
Current DC Max Resolution	0.01 mA
Current AC Accuracy	plus or minus (1.5 percent plus 3)
Current AC Maximum	10 A
Current AC Max Resolution	0.01 mA
Resistance Accuracy	plus or minus (0.9 percent plus 1)
Resistance Maximum	50 MOhm
Resistance Max Resolution	0.1 ohm
Capacitance Accuracy	plus or minus (1.2 percent plus 2)
Capacitance Maximum	10000 uF
Frequency Accuracy	plus or minus (0.1 percent plus 1)
Frequency Maximum	100 kHz
Temperature Accuracy	plus or minus (1.0 percent plus 10)
Temperature Range	minus 40 C to 400 C
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Notes
From Fluke 179 true RMS digital multimeter specification table applied to the 179/EDA2 deluxe accessory combo kit. Kit accessory list varies; electrical rows are the 179 meter.

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

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.