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Data Sheet

August 14, 2026

FLUKE

Fluke 179-2/IMSK Industrial Multimeter Service Kit

The Fluke 179-2/IMSK Industrial Multimeter Service Kit pairs the Fluke 179 True-RMS Digital Multimeter with essential accessories for electrical diagnostics in industrial environments. The Fluke 179 delivers True-RMS AC/DC measurements, resistance, capacitance, frequency, continuity, diode testing, and temperature measurement. Its 6000-count display with analog bar graph and backlight enables rapid troubleshooting in field conditions. Manual and automatic ranging modes adapt to changing measurement scenarios. Data Hold, Auto Hold, and Min/Max/Average recording functions capture signal behavior for analysis. The meter withstands transient impulses exceeding 8000 V and meets CAT III 1000 V and CAT IV 600 V overvoltage ratings. 6000-count digital display with analog bar graph; backlit for low-light visibility Aumictech offers NIST-traceable calibration and repair for the Fluke 179-2/IMSK.

 Fluke 179-2/IMSK Industrial Multimeter Service Kit

MODEL

Fluke 179-2/IMSK

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

179-2/IMSK

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke 179-2/IMSK Industrial Multimeter Service Kit pairs the Fluke 179 True-RMS Digital Multimeter with essential accessories for electrical diagnostics in industrial environments. The Fluke 179 delivers True-RMS AC/DC measurements, resistance, capacitance, frequency,

continuity, diode testing, and temperature measurement. Its 6000-count display with analog bar graph and backlight enables rapid troubleshooting in field conditions. Manual and automatic ranging modes adapt to changing measurement scenarios. Data Hold, Auto Hold, and Min/Max/Average recording functions capture signal behavior for analysis. The meter withstands transient impulses exceeding 8000 V and meets CAT III 1000 V and CAT IV 600 V overvoltage ratings. Technical Specifications Measurement Ranges & Accuracy DC Voltage: 600.0 mV to 1000 V; $\pm(0.09\% + 2)$ AC Voltage: 600.0 mV to 1000 V; $\pm(1.0\% + 3)$ DC Current: 60.00 mA, 600.0 mA, 10.00 A; $\pm(1.0\% + 3)$ AC Current: 60.00 mA, 600.0 mA, 10.00 A; $\pm(1.5\% + 3)$ Resistance: 600.0 Ω to 50.00 M Ω ; $\pm(0.9\% + 1)$ Capacitance: 10.00 nF to 10,000 μ F; $\pm(1.2\% + 2)$ Frequency: 0.01 Hz to 100 kHz; $\pm(0.1\% + 1)$ Temperature: -40°C to 400°C; $\pm(1.0\% + 10)$ Display & Power 6000-count digital display with analog bar graph; backlit for low-light visibility 9V battery; approximately 200 hours runtime Key Features True-RMS measurement for accurate readings on non-sinusoidal AC signals Integrated temperature sensor for -40°C to 400°C range measurement Closed-case front-panel calibration capability Overmolded case and integrated protective holster for field durability Transient protection rated to exceed 8000 V impulses Typical Applications Electrical system diagnostics, preventive maintenance circuits, motor and transformer testing, HVAC troubleshooting, industrial control panel commissioning. Safety & Ratings CAT III 1000 V / CAT IV 600 V overvoltage category; meets transient impulse withstand requirements.

1792IMSK Characteristics / Specifications

PARAMETER	VALUE
Kit Model	179-2/IMSK
DMM Model	Fluke 179 true RMS
Clamp Model	Fluke 323 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
Clamp Current	up to 400 A AC

PARAMETER	VALUE
Operating Temperature 1	minus 10 C to plus 50 C
Storage Temperature 1	minus 30 C to plus 60 C
Size 1	43 × 90 × 185 mm
Mass 1	420 g
Battery Life 1	alkaline about 200 hours typical without backlight
Safety 1	EN 61010 1 1000 V CAT III and 600 V CAT IV
Included Accessories	80BK-A TL75 AC175
Storage temperature	179: minus 30 C to plus 60 C
Operating temperature	179: minus 10 C to plus 50 C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	179: minus 30 C to plus 60 C
Operating temperature	179: minus 10 C to plus 50 C
Operating Temperature	179: minus 10 C to plus 50 C
Operating Temperature 1	minus 10 C to plus 50 C
Storage Temperature 1	minus 30 C to plus 60 C
Size 1	43 × 90 × 185 mm
Mass 1	420 g
Battery Life 1	alkaline about 200 hours typical without backlight
Safety 1	EN 61010 1 1000 V CAT III and 600 V CAT IV
Included Accessories	80BK-A TL75 AC175 Notes From Fluke 179 IMSK Industrial Multimeter Service Kit datasheet and Fluke 179 specification table. Accuracies are best accuracies for each function as footnoted by Fluke.

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	179-2/IMSK
DMM Model	Fluke 179 true RMS
Clamp Model	Fluke 323 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
Clamp Current	up to 400 A AC
Operating Temperature 179	minus 10 C to plus 50 C

PARAMETER	VALUE
Storage Temperature 179	minus 30 C to plus 60 C
Size 179	43 x 90 x 185 mm
Mass 179	420 g
Battery Life 179	alkaline about 200 hours typical without backlight
Safety 179	EN 61010 1 1000 V CAT III and 600 V CAT IV
Included Accessories	80BK-A TL75 AC175

Notes

From Fluke 179 IMSK Industrial Multimeter Service Kit datasheet and Fluke 179 specification table. Accuracies are best accuracies for each function as footnoted by Fluke.

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.