

TECHNICAL DATA

Fluke 179 IMSK Industrial Multimeter Service Kit



The right tools, right where you need them

Fluke 179 IMSK Industrial Multimeter Service Kit

This kit combines the Fluke 179 True-RMS DMM and the Fluke 323 True-RMS clamp meter. Both tools are rugged, reliable and accurate, as well as extremely easy to operate.

Fluke 179 True-RMS Digital Multimeter

The Fluke 179 is the preferred solution for professional technicians around the world. It includes the features you need to troubleshoot and repair electrical and electronic systems:

- Delivers accurate true-rms AC current and voltage plus frequency, capacitance, resistance, continuity and diode measurements
- Increases productivity with manual and automatic ranging, Display Hold, Auto Hold, and Min/Max-average recording

Fluke 323 True-RMS Clamp Meter

The Fluke 323 clamp meter provides true-rms measurements, optimized ergonomics, and large display for efficient troubleshooting. It's designed to perform in the toughest environments and provide noise-free, reliable results, so you can confidently diagnose problems almost anywhere.

- Rugged, reliable basic true-rms clamp meter for measuring current up to 400 A
- Measures AC current to 400 A
- Measures AC voltage and DC voltage to 600 V
- Provides true-rms AC voltage and current for accurate measurements on non-linear signals
- Measures resistance to 4 k Ω with continuity detection
- Features a CAT III 600 V, CAT IV 300 V safety rating

TWO VERSATILE, RELIABLE TOOLS TO HELP SOLVE YOUR FRONT-LINE TROUBLESHOOTING PROBLEMS

- A full-featured, true-rms multimeter combined with a rugged, reliable basic true-rms clamp meter
- Ideal for troubleshooting electrical and electronic systems
- Measures up to 1000 V ac or dc (179 DMM) and up to 400 A ac (323 clamp)



Specifications

Fluke 179 True-RMS Digital Multimeter

Detailed specifications		
Voltage DC	Accuracy ¹	± (0.09 % + 2)
	Max. resolution	0.1 mV
	Maximum	1000 V
Voltage AC	Accuracy ¹	± (1.0 % + 3)
	Max. resolution	0.1 mV
	Maximum	1000 V
Current DC	Accuracy ¹	± (1.0 % + 3)
	Max. resolution	0.01 mA
	Maximum	10 A
Current AC	Accuracy ¹	± (1.5 % + 3)
	Max. resolution	0.01 mA
	Maximum	10 A
Resistance	Accuracy ¹	± (0.9 % + 1)
	Max. resolution	0.1 Ω
	Maximum	50 MΩ
Capacitance	Accuracy ¹	± (1.2 % + 2)
	Max. resolution	1 nF
	Maximum	10,000 μF
Frequency	Accuracy ¹	± (0.1 % + 1)
	Max. resolution	0.01 Hz
	Maximum	100 kHz
Temperature	Accuracy ¹	± (1.0 % + 10)
	Max. resolution	0.1 °C
	Maximum	-40 °C / 400 °C
Environmental specifications		
Operating temperature	-10° C to +50° C	
Storage temperature	-30° C to +60° C	
Humidity (without condensation)	0 % – 90 % (0° C – 35° C) 0 % – 70 % (35° C – 50° C)	
Safety specifications		
Overvoltage category	EN 61010-1 to 1000 V CAT III EN 61010-1 to 600 V CAT IV	
Agency approvals	UL, CSA, TÜV listed and VDE Pending	
Mechanical and general specifications		
Size	43 x 90 x 185 mm	
Weight	420 g	
Warranty	Lifetime	
Battery life	Alkaline ~200 hours typical, without backlight	

1. Accuracies are best accuracies for each function

Fluke 323 True-RMS Clamp Meter

Detailed specifications		
AC current	Range	400.0 A
	Accuracy	2 % ± 5 digits (45 Hz to 65 Hz) 2.5 % ± 5 digits (65 Hz to 400 Hz)
DC current	Range	-
	Accuracy	-
AC voltage	Range	600.0 V
	Accuracy	1.5 % ± 5 digits
DC voltage	Range	600.0 V
	Accuracy	1.0 % ± 5 digits
Resistance	Range	400.0 Ω/ 4000 Ω
	Accuracy	1.0 % ± 5 digits
Continuity	≤ 70 Ω	
Capacitance	-	
Frequency	-	
AC response	True-rms	
Backlight	-	
Data hold	Yes	
Contact temperature	-	
Min/Max	-	
Size	H x W x D (mm)	207 x 75 x 34
	Max wire diameter	30 mm (600 MCM)
	Weight	265 g
Category rating	CAT III 600 V CAT IV 300 V	
Warranty	Two-year	

Ordering information

Fluke 179 IMSK Industrial Multimeter Service Kit

Included

Fluke 179 True-RMS Digital Multimeter

Fluke 323 True-RMS Clamp Meter

80BK-A DMM Temperature Probe

TL75 Hard Point Test Lead Set

AC175 Threaded Alligator Clip Set

Fluke. *Keeping your world up and running.*®

Fluke Corporation

PO Box 9090, Everett, WA 98206 U.S.A.

Fluke Europe B.V.

PO Box 1186, 5602 BD Eindhoven, The Netherlands

For more information call:

In the U.S.A. (800) 443-5853 or Fax (425) 446-5116

In Europe/M-East/Africa +31 (0)40 267 5100 or Fax +31 (0)40 267 5222

In Canada (800)-36-FLUKE or Fax (905) 890-6866

From other countries +1 (425) 446-5500 or Fax +1 (425) 446-5116

Web access: <http://www.fluke.com>

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