

FLUKE®

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48

Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81

Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54

Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Единый адрес для всех регионов: fkun@nt-rt.ru || www.fluke.nt-rt.ru

Комбинированный набор Fluke 116/323 HVAC



This kit is a direct replacement for the obsolete 116/322 HVAC combo kit.



For the complete solution to HVAC troubleshooting the extra value-packed HVAC Multimeter and Clamp Meter Combo Kit, provides the ability to troubleshoot and solve problems more efficiently by providing all the needed accessories an HVAC professional would need in a compact carry case.

Fluke 116 Digital Multimeter. Designed by Electricians. Engineered by Fluke.

- Fluke 116 HVAC Multimeter with Temperature and Microamps.
- TL175 Hard Point Test Lead Set.
- TPak ToolPak Magnetic Meter Hanging Strap.
- Flexible Cuff Pipe Clamp Thermocouple.
- 80BK Integrated Temperature Probe.
- 80AK-A Thermocouple Adapter.
- C115 Deluxe Soft Carrying Case with Shoulder Strap.

Fluke 323 True-rms Clamp Meter. Rugged. Reliable. Precise.

- 400 A ac current measurement.
- 600 V ac and dc voltage measurement.
- True-rms ac voltage and current for accurate measurements on non-linear signals.
- Resistance measurement up to 40 k Ω with continuity detection.
- Slim, ergonomic design.
- CAT IV 300V/CAT III 600 V safety rating.

Fluke 116 HVAC Multimeter with Temperature and Microamps

Specifications	
Maximum voltage between any terminal and earth ground	600 V
Surge protection	6 kV peak per IEC 61010-1 600 V CAT III, Pollution Degree 2
Display	6,000 counts, updates 4 per second
Bar graph	33 segments, updates 32 per second
Operating Temperature	-10 °C to + 50 °C
Storage Temperature	-40 °C to + 60 °C
Battery type	9 volt Alkaline, NEDA 1604A/ IEC 6LR61
Battery Life	400 hours typical, without backlight

Accuracy Specifications		
DC millivolts	Range	600.0 mV
	Resolution	0.1 mV
	Accuracy	$\pm$ ([% of reading] + [counts]): 0.5% + 2
DC volts	Range/Resolution	6.000 V / 0.001 V
	Range/Resolution	60.00 V / 0.01 V
	Range/Resolution	600.00 V / 0.1 V
	Accuracy	$\pm$ ([% of reading] + [counts]): 0.5% + 2
Auto volts	Range	600.0 V
	Resolution	0.1 V
	Accuracy	2.0 % + 3 (dc, 45 Hz to 500 Hz) 4.0 % + 3 (500 Hz to 1 kHz)
AC millivolts ¹ true-rms	Range	600.0 mV
	Resolution	0.1 mV
	Accuracy	1.0 % + 3 (dc, 45 Hz to 500 Hz) 2.0 % + 3 (500 Hz to 1 kHz)
AC volts ¹ true-rms	Range/Resolution	6.000 V / 0.001 V
	Range/Resolution	60.00 V / 0.01 V
	Range/Resolution	600.0 V / 0.1 V
	Accuracy	1.0 % + 3 (dc, 45 Hz to 500 Hz) 2.0 % + 3 (500 Hz to 1 kHz)
Continuity	Range	600 Ω
	Resolution	1 Ω

	Accuracy	Beeper on < 20 Ω , off > 250 Ω ; detects opens or shorts of 500 μ s or longer.
Ohms	Range/Resolution	600.0 Ω / 0.1 Ω
	Range/Resolution	6.000 k Ω / 0.001 k Ω
	Range/Resolution	60.00 k Ω / 0.01 k Ω
	Range/Resolution	600.0 k Ω / 0.1 k Ω
	Range/Resolution	6.000 M Ω / 0.001 M Ω
	Accuracy	0.9 % + 1
	Range/Resolution	40.00 M Ω / 0.01 M Ω
	Accuracy	1.5 % + 2
Diode Test	Range/Resolution	2.000 V / 0.001 V
	Accuracy	0.9% + 2
Capacitance	Range/Resolution	1000 nF / 1 nF
	Range/Resolution	10.00 μ F / 0.01 μ F
	Range/Resolution	100.0 μ F / 0.1 μ F
	Range/Resolution	9999 μ F / 1 μ F
	Range/Resolution	100 μ F to 1000 μ F
	Accuracy	1.9% + 2
	Range/Resolution	> 1000 μ F
	Accuracy	5% + 20%
LoZ capacitance	Range	1 nF to 500 μ F
	Accuracy	10% + 2 typical
Temperature² (Type-K thermocouple)	Range/Resolution	-40 $^{\circ}$ C to 400 $^{\circ}$ C / 0.1 $^{\circ}$ C
	Accuracy	1% + 10 ²
	Range/Resolution	-40 $^{\circ}$ F to 752 $^{\circ}$ F / 0.2 $^{\circ}$ F
	Accuracy	1% + 18 ²
AC μamps true-rms (45 Hz to 500 Hz)	Range/Resolution	600.0 μ A / 0.1 μ A
	Accuracy	1.0% + 2
DC μamps	Range/Resolution	600.0 μ A / 0.1 μ A
	Accuracy	1.0% + 2
Hz (V or A input)²	Range/Resolution	99.99 Hz / 0.01 Hz
	Range/Resolution	999.99 Hz / 0.1 Hz
	Range/Resolution	9.999 Hz / 0.001 Hz
	Range/Resolution	50.00 Hz / 0.01 Hz
	Accuracy	0.1% + 2

Notes:

1) All ac voltage ranges except Auto-V/LoZ are specified from 1 % to 100 % of range. Auto-V/LoZ is specified from 0.0 V.

2) Temperature uncertainty (accuracy) does not include the error of the thermocouple probe.

3) Frequency is ac coupled, 5 Hz to 50 kHz for ac voltage. Frequency is dc coupled, 45 Hz to 5 kHz for ac current.

4) Temperature Range/Resolution: -40 $^{\circ}$ F to 752 $^{\circ}$ F / 0.2 $^{\circ}$ F

Mechanical & General Specifications	
Size	167 x 84 x 46 mm (6.57" x 3.31" x 1.82")
Weight	550 g
Warranty	3 years

Fluke 323 True-rms Clamp Meter

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)
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
AC response		True-rms
Data hold		Yes
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

Модель	Название	Описание
Fluke 116/323 Kit		Includes: - Fluke 116 HVAC Multimeter with Temperature and Microamps - Fluke 323 True-rms Clamp Meter

Test Leads	
TL225	Комплект тестовых проводов адаптера напряжения помех TL225 SureGrip™

По вопросам продажи и поддержки обращайтесь:

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48

Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81

Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54

Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Единый адрес для всех регионов: fkun@nt-rt.ru || www.fluke.nt-rt.ru