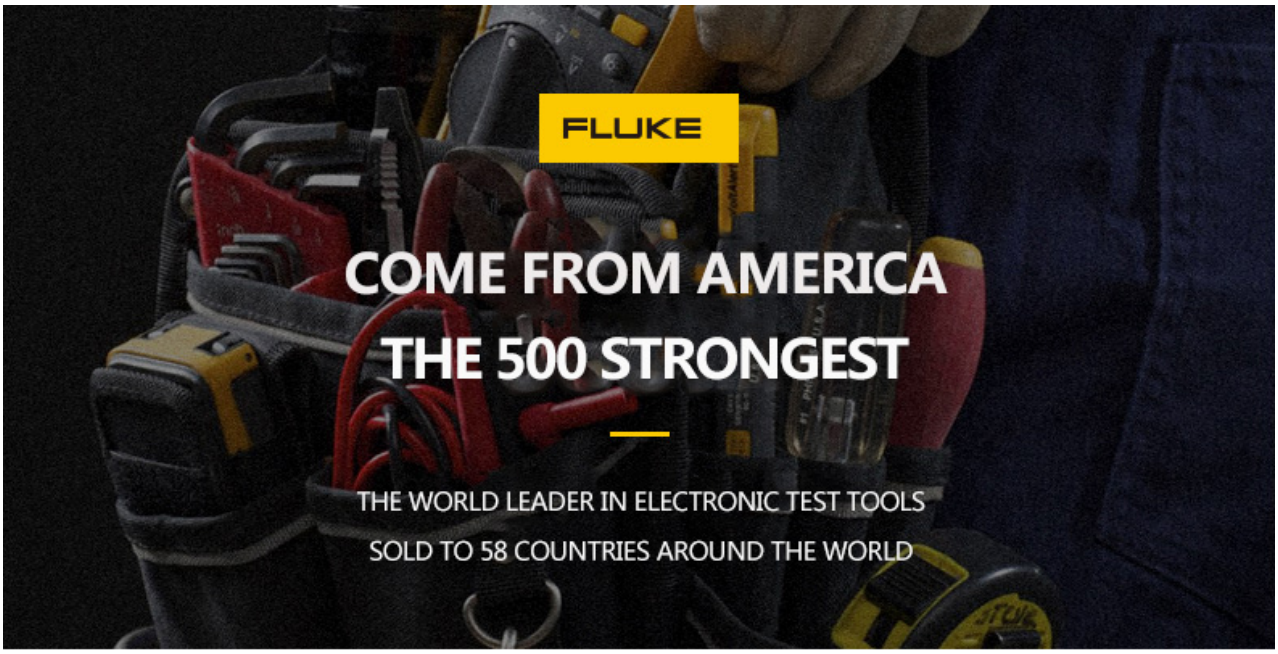
FLUKE Digital Multimeter High Precision AC/DC Voltage Current Temperature Tester Auto Repair Electrician Professional Multimeter



70 YEARS OF HISTORY, GLOBAL TRUST

TRUSTWORTHY GLOBAL CONSENSUS

1948YEAR

John Fluke Founded Fluke In The Basement Of His Home In Connecticut, USA

1963YEAR

Fluke Launches The world's First True-Rms (True-RMS) Digital Voltmeter Fluke 9500A

1977 YEAR

Fluke launches the world's first handheld digital multimeter Fluke 8020A

FLUKE CHINA ROAD TO HONOR

- The First Batch Of International Brands To Enter China With China's Reform And Opening Up Policy
- Establish R&D Center And Factory In China
- Members Of Many National Industry Associations
- Participated In The Formulation Of Various Industry Standards
- Published Multiple Professional Books
- A Number Of Independent Research And Development Patents And International Safety Certification
- Won Many Domestic And Foreign Awards, Actively Fulfilling Social Responsibility

FLUKE®

AMERICAN FLUKE

FOCUS ON TESTING EQUIPMENT


FLUKE 15B+ DIGITAL MULTIMETER
220.8 V AC
Auto
HOLD
RANGE
OFF
A
mA μA
COM
10A FUSED
400mA FUSED
1000V CAT II
600V CAT III

SAFE AND DURABLE IS A GOOD TOOL

A GOOD TOOL IS ONE TIS SAFE

INGENUITY FOCUS ON DETAILS

ONE MACHINE FOR MULTIPLE USES FULL-FEATURED

NOE MACHINE MUL TI-PURPOSE FUNC TION IS COMPREHENSIVE

SIMPLE DISTINCTION **BASIC TECHNICAL SPECIFICATIONS OF DIGITAL MULTIMETER**

MODEL	12E+/15B+	17B+	18B+	107
BASIC DC ACCURACY	0.5%	0.5%	0.5%	0.5%
SIZE AND WEIGHT	183 x 91 x 49 mm / 455g			142x69x28 / 200g
AC / DC VOLTAGE	1000 V	1000 V	1000 V	600 V
AC / DC mV	400.0 mV	400.0 mV	400.0 mV	600.0 mV
AC / DC current	10.00 A	10.00 A	10.00 A	10.00 A
AC / DC mA	400.0 mA	400.0 mA	400.0 mA	–
AC / DC μA	4000 μA	4000 μA	4000 μA	–
DIODE	2.000 V	2.000 V	2.000 V	2.000 V
RESISTANCE RANGE	40.00 MΩ	40.00 MΩ	40.00 MΩ	40.00 MΩ
CAPACITANCE	1000 μF	1000 μF	1000 μF	1000 μF
ON AND OFF BUZZER	√	√	√	√
DATA RETENTION	√	√	√	√
BACKLIGHT/SLEEP	√	√	√	√
LED LIGHT EMITTING DIODE	–	–	√ UNIQUE	–
DUTY CYCLE	–	√	√	√
FREQUENCY MEASUREMENT	–	100.0 kHz	100.0 kHz	100.0 kHz
TEMPERATURE MEASUREMENT	–	−40 TO 400° C	–	–
RELATIVE VALUE	–	√	–	–
MAX/MIN	–	√	–	–
DANGEROUS VOLTAGE INDICATOR	–	√	–	–
WARRANTY PERIOD	THREE YEARS / ONE YEAR	ONE YEAR	ONE YEAR	ONE YEAR
FACTORY STANDARD	HOST TL75 METER PEN 1 PAIR 1.5V 5# BATTERY X2 MANUAL WARRANTY CARD AND CERTIFICATE	HOST TL75 METER PEN 1 PAIR 80 PK -1 TEMPERATURE PROBE 1.5V 5# BATTERY X2 MANUAL	HOST TL75 METER PEN 1 PAIR 1.5V 5# BATTERY X2 MANUAL WARRANTY CARD AND CERTIFICATE	HOST TL75 METER PEN 1 PAIR 1.5V 7# BATTERY X2 MANUAL WARRANTY CARD AND CERTIFICATE

SEE THE DETAILED PARAMETERS AT THE BOTTOM OF THE PAGE OR CONTACT CUSTOMER SERVICE DIRECTLY

Why does F12E+ have a three-year warranty and is cheaper than F15B+?

Flucke 12E+ digital multimeter, no matter the function and appearance are the same as F15B+, F12E+ focuses on the letter E, which is the first letter of Education. F12E+ is for new users. Without knowing the FLUKE brand and quality service, the manufacturer offers powerful discounts in price and warranty period, especially for students in colleges, universities, vocational education systems, and manufacturers. I hope to start from the "baby" and influence students from their learning. After using it to participate in work, I will recognize the quality and service of FLUKE and become an iron fan. So, the price is cheaper than the explosive model F15B+. It is currently the promotion period for manufacturers, and the price will be more favorable.

FLUKE®

HAS A PROBLEM?

ADVISORY SERVICE

PROFESSIONAL CUSTOMER SERVICE ONLINE TIME: 8:30~00:00 IN THE MORNING

12E+ / 15B+
ECONOMICAL DIGITAL MULTIMETER

- High-Definition Large Screen, Easy To Operate
- Safe And Durable, Fast Response
- Main Functions: AC/DC Voltage, AC/DC Current mA/μA, Resistance, Capacitance, Diode, On-Off etc.
- 12E+ And 15B+ Have The Same Function And Pe Rformance, And The Same Design. 12E+ Is Mai nly For The Education Industry. The ManufaCtur er Provides Powerful Discounts In Terms Of Price And Warranty.

Fluke 107
HANDHELD DIGITAL MULTIMETER

- Small and portable, weighs only 200g
- Comply with IEC61010-1 CATIII 600V
- Including AC and DC voltage measurement, AC an d DC current measurement, resistance measureme nt, on-off measurement, capacitance measuremen t, diode, frequency and duty cycle test functions
- Standard magnetic multi-purpose lanyard, unique and novel design, adsorption, suspension, support free use

Fluke 17B+
MULTIFUNCTION DIGITAL MULTIMETER

- Good stability and faster response speed
- Equivalent to Fluke 15B+ upgraded version
- The basic functions of 15B + have been added: te mperature measurement, frequency measuremen t, duty cycle measurement, relative value, maximu m and minimum settings
- Added dangerous voltage indicator
- Can be used with i400E current clamp to measure 400A AC
- Unique function: temperature measurement

Fluke 18B+

LED DIGITAL MULTIMETER

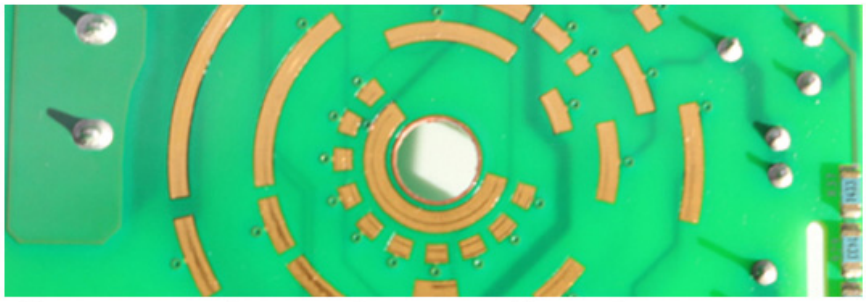
- Testable to light up the LED (regardless of polarity)
- HD large screen, clear digital display
- Added to the basic functions of 15B+: LED light-emitting diode measurement, frequency measurement, duty cycle measurement
- Test LED light-emitting diodes in two modes:
  ① DMM LED socket test mode
  ② Use test leads to test mode
- Unique function: LED light-emitting diode measurement

DURABLE TEN YEARS OF COMPANY

1 HIGH PERFORMANCE CERAMIC PACKAGE FUSE

Contains Quartz Sand, High Response, Strong Arc Extinguishing Ability, But Also Expensive, Can Be Quickly Blown, The Original imported Fuse Protects The Instrument From Being Broken Down By Large Currents

2 GOLD-PLATED DIAL INSIDE THE WATCH BODY

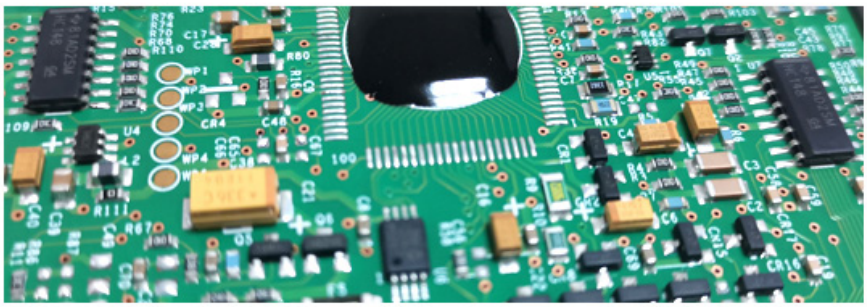


After 30,000 Torsion Experiments, It Still Remains Accurate, More Resistant To Wear, And There Is No Need To Worry About Poor Contact.

3 STURDY SHELL + SOFT PROTECTIVE COVER

The Shell Is Made Of Plastic Particles (MI) With High Mechanical Strength, And Strong Ribs Are Reasonably Added In The Design. This Is Also The Reason For The Larger Volume Of Some Pro ducts. It Has Passed The One-Meter Drop Test And Is Resistant To Falling.

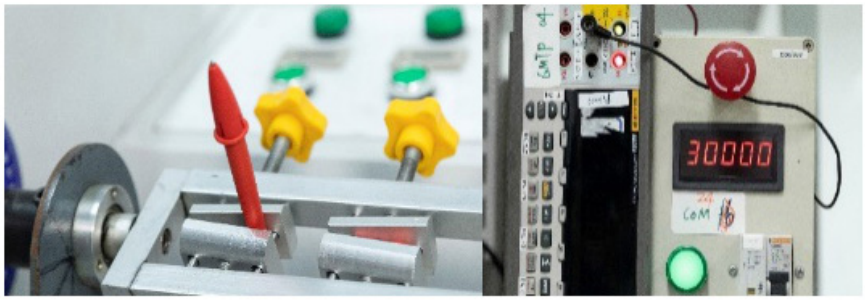
4 HIGH-PERFORMANCE ELECTRONIC COMPONENTS



Ensure That The Product Can Withstand Various Interferences Such As Thermal Shock, Strong Static Electricity, High Humidity, Etc., And The Metal Parts Still Maintain Good Electrical Contact

5

THE STANDARD METER PEN HAS PASSED MULTIPLE RIGOROUS TESTS



The 8KV High Voltage Impact Test Lasting 1 Minute, 5000 Swing Tests, And 30,000 Plug-In Tests Ensure The Safety And Durability Of The Test Leads!

APPLICATION SITE REAL SHOT

01

WITH A MAGNETIC STRAP, IT CAN BE HUNG FOR VOLTAGE MEASUREMENT WHICH IS CONVENIENT AND PRACTI CAL.(OPTIONAL)

FLUKE DIGITAL MULTIMETER IS MADE OF HIGH-QUALITY MATERIALS WITH STRONG DURABILITY AND IMPACT RESISTANCE

02

WITH I400E CURRENT CLAMP, IT CAN MEASURE UP TO 400A AC CURRENT, AT THIS TIME 1MV=1A

FLUKE DIGITAL MULTIMETER IS MADE OF HIGH-QUALITY MATERIALS WITH STRONG DURABILITY AND IMPACT RESISTANCE

03

ACCORDING TO THE CURRENT IN THE CIRCUIT, SELECT THE GEAR TO DISCON NECT THE CIRCUIT, AND CONNECT TH E TEST LEADS IN SERIES TO POWER OF F BOTH ENDS

FLUKE DIGITAL MULTIMETER IS MADE OF HIGH-QUALITY MATERIALS WITH STRONG DURABILITY AND IMPACT RESISTANCE

04

1 Ω SMALL RESISTANCE MEASUREMENT CONNECT THE TWO SEGMENTS OF THE RESISTOR TO ENSURE GOOD CONTACT

FLUKE DIGITAL MULTIMETER IS MADE OF HIGH-QUALITY MATERIALS WITH STRONG DURABILITY AND IMPACT RESISTANCE

05

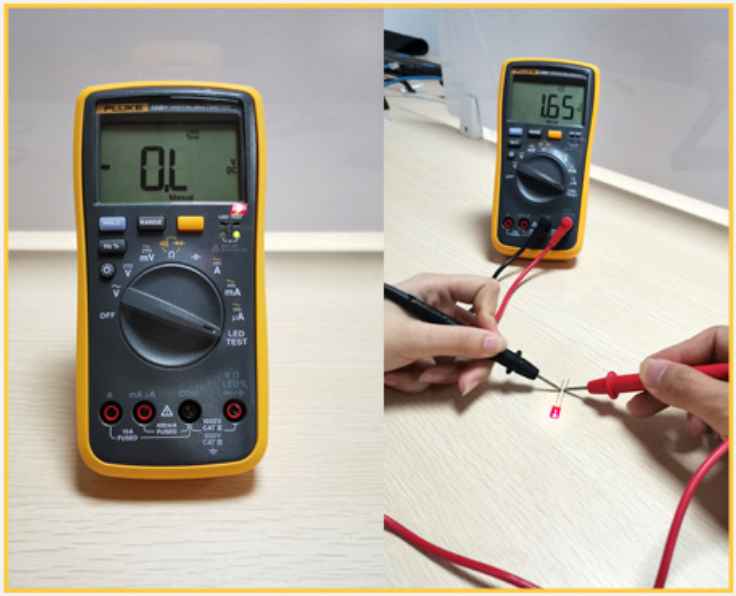
FLUKE 17B+
TEMPERATURE MEASUREMENT
CONNECT THE METER, THE PROBE END
TOUCHES THE MEASURED OBJECT

FLUKE DIGITAL MULTIMETER IS MADE OF HIGH-QUALITY MATERIALS WITH STRONG DURABILITY AND IMPACT RESISTANCE

06

Fluke 18B+ TEST LED LIGHTS
SUPPORT SOCKET TEST OR
METER TEST

FLUKE DIGITAL MULTIMETER IS MADE OF HIGH-QUALITY MATERIALS WITH STRONG DURABILITY AND IMPACT RESISTANCE



INTRODUCTION TO THE INTERFACE

Fluke 17B+SHOW

*THE TEMPERATURE, FREQUENCY, RELATIVE VALUE FUNCTION KEYS ARE 17B+ UNIQUE

SPECIFICATIONS

PRODUCT PARAMETERS

DETAILS PARAMETER F12E+F15B+17B+18B+107TECHNICAL SPECIFICATIONS

FEATURES	RANGE	RESOLUTION	ACCURACY			
			12E+/15B+	17B+	18B+	107
AC VOLTS (40Hz - 500Hz) $\widetilde{V}$	4.000 V 40.00 V 400.0 V 1000 V	0.001 V 0.01 V 0.1 V 1 V	1.0% + 3	1.0% + 3	1.0% + 3	1.0% + 3
AC MILLIVOLT $\widetilde{mV}$	400.0 mV	0.1 mV	3.0% + 3	3.0% + 3	3.0% + 3	3.0% + 3
DC VOLTAGE (MILLIVOLT) $\overline{mV}$	400.0 mV	0.1 mV	1.0% + 10	1.0% + 10	1.0% + 10	1.0% + 10
DC VOLTAGE $\overline{V}$	4.000 V 40.00 V 400.0 V 1000 V	0.001 V 0.01 V 0.1 V 1 V	0.5% + 3	0.5% + 3	0.5% + 3	0.5% + 3
ALTERNATING CURRENT µA (40Hz - 400Hz) $\widetilde{\mu A}$	400.0 µA 4000 µA	0.1 µA 1 µA	1.5% + 3	1.5% + 3	1.5% + 3	-
ALTERNATING CURRENT mA (40Hz - 400Hz) $\widetilde{mA}$	40.00 mA 400.0 mA	0.01 mA 0.1 mA	1.5% + 3	1.5% + 3	1.5% + 3	–
ALTERNATING CURRENT A[1] (40Hz - 400Hz) $\widetilde{A}$	4.000 A 10.0 A	0.001 A 0.01 A	1.5% + 3	1.5% + 3	1.5% + 3	1.5% + 3
DC µA $\overline{\mu A}$	400.0 µA 4000 µA	0.1 µA 1 µA	1.5% + 3	1.5% + 3	1.5% + 3	-
DC mA $\overline{mA}$	40.00 mA 400.0 mA	0.01 mA 0.1 mA	1.5% + 3	1.5% + 3	1.5% + 3	-

DC A[1] A	4.000 A 10.0 A	0.001 A 0.01 A	1.5% + 3	1.5% + 3	1.5% + 3	1.5% + 3
DIODE TEST[1]	2.000 V	0.001 V	10%			
TEMPERATURE	50.0°C- 400.0 °C 0°C- 50.0 °C -55.0°C-0°C	0.1 °C	NOT APPLICABLE	2 %+2 °C 2 °C 9 %+2 °C	NOT APPLICABLE	NOT APPLICABLE
RESISTANCE (OHM) Ω	400.0 Ω 4.000 kΩ 40.00 kΩ 400.0 kΩ 4.000 MΩ 40.00 MΩ	0.1 Ω 0.001 kΩ 0.01 kΩ 0.1 kΩ 0.001 MΩ 0.01 MΩ	0.5% + 3 0.5% + 2 0.5% + 2 0.5% + 2 0.5% + 2 1.5% + 3	0.5% + 3 0.5% + 2 0.5% + 2 0.5% + 2 0.5% + 2 1.5% + 3	0.5% + 3 0.5% + 2 0.5% + 2 0.5% + 2 0.5% + 2 1.5% + 3	0.5% + 3 0.5% + 2 0.5% + 2 0.5% + 2 0.5% + 2 1.5% + 3
CAPACITANCE[2]	40.00 nF 400.0 nF 4.000 µF 40.00 µF 400.0 µF 1000 µF	0.01 nF 0.1 nF 0.001 µF 0.01 µF 0.1 µF 1 µF	2% + 5 2% + 5 5% + 5 5% + 5 5% + 5 5% + 5	2% + 5 2% + 5 5% + 5 5% + 5 5% + 5 5% + 5	2% + 5 2% + 5 5% + 5 5% + 5 5% + 5 5% + 5	2% + 5 2% + 5 5% + 5 5% + 5 5% + 5 5% + 5
FREQUENCY[3] (10Hz - 100Hz) Hz	50.00 Hz 500.0 Hz 5.000 kHZ 50.00 kHz 100.0 kHz	0.01 Hz 0.1 Hz 0.001 kHZ 0.01 kHz 0.1 kHz	NOT APPLICABLE	0.1% + 3	0.1% + 3	0.1% + 3
DUTY CYCLE[2]	1%TO99%	0.1%	NOT APPLICABLE	1 % (TYPICAL SITUATION)	1 % (TYPICAL SITUATION)	1 % (TYPICAL SITUATION)

THE LAST SIGNIFICANT DIGIT OF DECIMAL POINT

ACCURACY CALCULATION FORMULA: ± (% OF READING) + (DIGITAL VALUE OF THE LEAST SIGNIFICANT DIGIT)

A VARIETY OF MODELS FOR YOU TO CHOOSE

About Shipment