

**FLUKE®**

# RETAIL PRODUCTS CATALOG 2023-24



**Tools You Can Trust... Everyday**



## Totally Affordable. Totally Fluke.

Digital Multimeters | Clamp Meters | Insulation Testers | Infrared Thermometers  
Infrared Thermal Imager | Laser Distance Meters | Environmental & Air Quality Monitoring  
Electrical Testers | Accessories & Fuses

Fluke

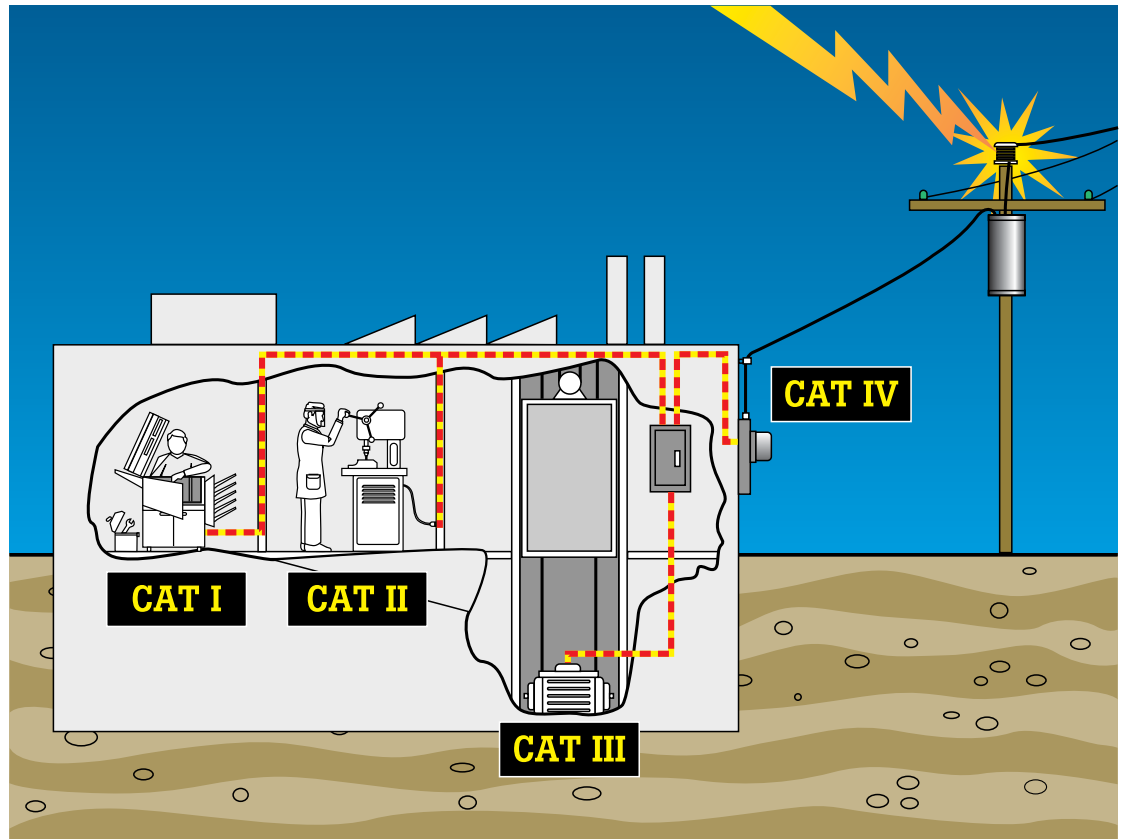


# Understanding Safety Categories

## Work safety

At Fluke Corporation, your safety is our top priority. This free, self-paced, online course describes the electrical dangers you may face in the workplace, the safety standards to protect you and the best practices involved with test tool safety.

Making a mistake while working on a high-energy electrical system can deliver a deadly blow to anyone who fails to take the right safety precautions. That's why, at Fluke Corporation, your safety is our top priority.



Overvoltage category	In brief	Examples
CAT IV	Three-phase at utility connection, any outdoor conductors	<ul style="list-style-type: none"> <li>Refers to the “origin of installation,” i.e., where low-voltage connection is made to utility power</li> <li>Electricity meters, primary overcurrent protection equipment</li> <li>Outside and service entrance, service drop from pole to building, run between meter and panel</li> <li>Overhead line to detached building, underground line to well pump</li> </ul>
CAT III	Three-phase distribution, including single-phase commercial lighting	<ul style="list-style-type: none"> <li>Equipment in fixed installations, such as switchgear and polyphase motors</li> <li>Bus and feeder in industrial plants</li> <li>Feeders and short branch circuits, distribution panel devices</li> <li>Lighting systems in larger buildings</li> <li>Appliance outlets with short connections to service entrance</li> </ul>
CAT II	Single-phase receptacle connected loads	<ul style="list-style-type: none"> <li>Appliance, portable tools, and other household and similar loads</li> <li>Outlet and long branch circuits                             <ul style="list-style-type: none"> <li>Outlets at more than 10 meters (30 feet) from CAT III source</li> <li>Outlets at more that 20 meters (60 feet) from CAT IV source</li> </ul> </li> </ul>
CAT I	Electronic	<ul style="list-style-type: none"> <li>Protected electronic equipment</li> <li>Equipment connected to (source) circuits in which measures are taken to limit transient overvoltages to an appropriately low level</li> <li>Any high-voltage, low-energy source derived from a high-winding resistance transformer, such as the high-voltage section of a copier</li> </ul>

Table 1. Overvoltage installation categories. IEC 1010 applies to low-voltage (< 1000 V) test equipment.

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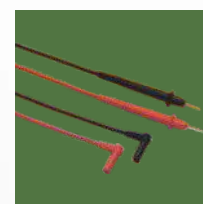
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# What is True-RMS and Why it is Important?

True-RMS is a precise technique of measuring the RMS value of a signal. This measurement is very vital since most of the electrical equipment will be designed for this value as they are vulnerable to heat dissipation.

“RMS” stands for root-mean-square. It comes from a mathematical formula that calculates the “effective” value (or heating value) of any AC wave shape. In electrical terms, the AC rms value is equivalent to the DC heating value of a particular waveform voltage or current. For example, if a resistive heating element in an electric furnace is rated at 15 kW of heat at 240 V AC rms, then we would get the same amount of heat if we applied 240 V of DC instead of AC. Electrical power system components such as fuses, bus bars, conductors, and thermal elements of circuit breakers are rated in rms current because their main limitation has to do with heat dissipation. If we need to check an electrical circuit for overloading, we have to measure the rms current and compare the measured value to the rated value for the component in question.













The average responding measuring instrument works for pure sine waves, hence suitable for general purpose measurement work in residential & commercial applications. For industrial applications, (where a waveform is distorted by nonlinear loads such as variable speed drives or computers), we should use true rms instruments for accurate readings. The table below gives some examples of the way the two different types of meters respond to different wave shapes.

"If a DMM / Clamp is labeled and specified to respond to the true-rms value of current, it means that the instrument's internal circuit calculates the heating value according to the rms formula. Certain low-cost current clamps which don't have true rms circuitry, use a shortcut method to find the rms value. These meters are specified to be "average responding-rms indicating." These meters capture the rectified average of an AC waveform and scale the number by 1.1 to calculate the rms value. In other words, the value they display is not a true value, but rather is a calculated value based on an assumption about the wave shape."



Multimeter type	Response to sine wave	Response to square wave	Response to single phase diode rectifier	Response to three phase diode rectifier
Average responding	Correct	10% high	40% low	5-30% low
True-rms	Correct	Correct	Correct	Correct

# Digital Multimeter selection guide

Pick the right digital multimeter for you		Average Signal Responding DMMs						True RMS DMMs				
Model	Fluke 101	Fluke 101+	Fluke 106	Fluke 107	Fluke 158+	Fluke 17B+	15B MAX	17B MAX	Fluke 110	Fluke 115	Fluke 175	Fluke 177
												
<b>Basic features</b>												
Counts	6000	6000	6000	6000	4000	4000	6000	6000	6000	6000	6000	6000
True RMS / AVG responding	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	True RMS	True RMS	True RMS	True RMS
<b>Measurements</b>												
Voltage	DC Accuracy	±0.5% + 3 digit	±0.5% + 3 digit	±0.5% 3 digit	±0.5% + 3 digit	±0.5% + 3 digit	±0.5% + 3 digit	±0.5% + 3 digit	±0.5% + 2 digit	±0.5% + 2 digit	±0.5% + 2 digit	±0.15% + 2 digit
	AC	600V	600V	600V	1000V	1000V	1000V	1000V	600V	600V	600V	1000V
	Accuracy	±1.0% + 3 digit	±1.0% + 3 digit	±1.0% + 3 digit	±1.0% + 3 digit	±1.0% + 3 digit	±1.0% + 3 digit	±1.0% + 3 digit	±1% + 3 digit	±1% + 3 digit	±1% + 3 digit	±1% + 3 digit
Current	DC	-	-	10A	10A	10A	10A	10A	-	10A	10A	10A
	Accuracy	-	-	±1.5% + 3 digit	±1.5% + 3 digit	±1.5% + 3 digit	±1.5% + 3 digit	±1.5% + 3 digit	-	±1% + 3 digit	±1% + 3 digit	±1% + 3 digit
	AC	-	-	10A	10A	10A	10A	10A	-	10A	10A	10A
Resistance	Accuracy	-	-	±1.5% + 3 digit	±1.5% + 3 digit	±1.5% + 3 digit	±1.5% + 3 digit	±1.5% + 3 digit	-	±1.5% + 3 digit	±1.5% + 3 digit	±1.5% + 3 digit
	Range	40 MΩ	40 MΩ	40 MΩ	40 MΩ	40 MΩ	40 MΩ	40 MΩ	40 MΩ	40 MΩ	50 MΩ	50 MΩ
	Accuracy	±1.5% + 3 digit	±1.5% + 3 digit	±1.5% + 3 digit	±1.5% + 3 digit	±1.5% + 3 digit	±1.5% + 3 digit	±1.5% + 3 digit	±5% + 2 digit	±0.9% + 1 digit	±1.5% + 3 digit	±1.5% + 3 digit
Capacitance	Range	100 µF	100 µF	1000 µF	1000 µF	1000 µF	2000 µF	2000 µF	-	10 mF	9999 mF	9999 mF
	Accuracy	-	-	±5% + 5 digit	±5% + 5 digit	±5% + 5 digit	±5% + 5 digit	±5% + 5 digit	-	±1.9% + 2 digit	±10%	±10%
Frequency	Range	100 kHz	100 kHz	-	100 kHz	100 kHz	-	100 kHz	-	50 kHz	100 kHz	100 kHz
	Accuracy	-	-	±0.1% + 3 digit	±0.1% + 3 digit	±0.1% + 3 digit	±0.1% + 3 digit	±0.1% + 3 digit	-	±0.1% + 2 digit	±0.1% + 2 digit	±0.1% + 2 digit
Temperature	Range	-	-	-	-	-	-	-	-	-	-	-
	Accuracy	-	-	-	±2% + 1°C	±2% + 1°C	-	-	-	-	-	-
<b>Other features</b>												
Continuity check with beeper	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Min / Max / Avg recording	-	-	-	Min/Max	Min/Max	Min/Max	Min/Max	Min/Max	Yes	Yes	Yes	Yes
Data hold	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Diode test	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Low battery indication	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto power off	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto / manual ranging	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Safety &amp; Warranty</b>												
Safety rating (EN61010)	CAT III	600V	600V	600V	600V	600V	600V	600V	600V	600V	1000V	1000V
Warranty	Years	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	3 Years	Limited Lifetime	Limited Lifetime

# Digital Multimeters

## Fluke 101 and 101+ Digital Multimeter



**Fluke 101**



**Fluke 101+**

### Product highlights

- CAT III 600 V safety rated
- AC/DC Voltage, Resistance, Capacitance, Frequency measurement
- Basic DC accuracy  $\pm 0.5\%$
- 6000 counts
- Diode and continuity test with buzzer
- Small lightweight design - easy to carry in pocket
- Rugged, reliable, accurate readings
- Long battery life with auto power OFF
- 1 year Fluke India warranty

### Ordering information

FLUKE-101 Digital Multimeter  
 FLUKE-101+ Digital Multimeter  
 (with smart strap)

### Included accessories

- TL75 Test leads
- 2 AAA Batteries [installed]
- User manual
- Statement of calibration practices
- Smart Strap (with Fluke 101+ only)

### Optional accessory



TPAK



Carry Case C10x



### MY FIRST FLUKE

#### Fits easily in shirt pocket

Designed for basic electrical tests, the Fluke 101 digital multimeter offers reliable measurements for residential / commercial electricians and heating and air conditioning technicians. This small light weight multimeter fits comfortably in your hand but is rugged enough to withstand daily use for years to come. When it comes to professional -grade affordable multimeters, Fluke 101 digital multimeter is your best choice.





# Digital Multimeters

## Fluke 106 & 107 Palm - Sized Digital Multimeters



**Fluke 106**



**Fluke 107**

### Product highlights

- CAT III 600 V safety rated
- 6000 counts
- Basic DC accuracy  $\pm 0.5\%$
- AC/DC current, AC/DC Voltage, Resistance, Capacitance, Frequency (107 only) measurement
- Diode (107 only) and continuity test with buzzer
- Large easy to read backlit display (107 only)
- Small lightweight design - easy to carry in pocket
- Rugged, Reliable, Accurate readings
- Long battery life with auto power OFF
- 1 year Fluke India warranty

### Ordering information

FLUKE-106 Digital Multimeter

FLUKE-107 Digital Multimeter

### Included accessories

- TL75 Test leads
- 2 AAA Batteries [installed]
- User manual
- Statement of calibration practices
- Smart Strap (with Fluke 101+ only)

### Optional accessory



TPAK



Carry Case C10x

Put measurements  
in the palm of your hand



The Fluke 106 and 107 are compact, easy to use tools. These are palm-seized digital multimeters that deliver safe, reliable measurements time after time. The Fluke 106 and 107 are great products made to fit the way you work! These are the only Fluke digital multimeters designed to fit in the palm of your hand and go with you no matter where your job takes you.



\*Features may vary from model to model

# Digital Multimeters

## Fluke 15B+ & 17B+ Digital Multimeters

The Fluke 15B+ and 17B+ digital multimeters are compact, easy to use tools that deliver safe, reliable measurements.

### The right tools for the job

Your job requires that you have a rugged, reliable and accurate digital multimeter. The new Fluke 15B+ and 17B+ offer everything you need.

### Product highlights

- CAT III 600 V safety rating
- 50 % bigger display with bright white backlight
- Over-voltage indicator (17B+)
- Frequency and temperature measurement (17B+)
- Voltage, resistance, continuity, capacitance
- Input terminal for ac and dc current measurements to 10 A current
- Diode test, data hold
- 1 year Fluke India warranty



**Fluke 17B+**



**Fluke 15B+**

### General specifications

Maximum voltage between any terminal and earth ground	1000 V
Display (LCD)	4000 counts, updates 3/sec
Temperature	Operating: 0 °C to 40 °C; Storage: -30 °C to 60 °C
Relative humidity	Operating humidity: ≤ 90 % RH at 10 °C to 30 °C; ≤ 75 % RH at 30 °C to 40 °C; non-condensing (<10 °C)
Fuse protection for current inputs	440 mA, 1000 V fast fuse, Fluke specified part only. 11 A, 1000 V fast fuse, Fluke specified part only
Size (HxWxL)	183 mm x 91 mm x 49.5 mm
Weight	455 g
IP rating	IP40
Safety	IEC 61010-1, IEC61010-2-030 CAT III 600 V, CAT II 1000 V, Pollution Degree 2
Electromagnetic environment	IEC 61326-1: Portable

### Ordering information

FLUKE-15B+ Digital Multimeter  
 FLUKE-17B+ Digital Multimeter

### Included accessories

- TL 75 Test leads
- 2 AAA Batteries [installed]
- Users manual
- Statement of calibration practices

### Optional accessory



TPAK

Carry Case C11x



# Digital Multimeters

## Fluke 15B MAX & 17B MAX Digital Multimeters

New Upgrade of Your Old Partner Safer, Easier to Use, More Efficient

The Fluke 15B MAX and 17B MAX Digital Multimeters inherit the classic design of Fluke multimeters and fully upgrade their functions to meet your requirements for safe, accurate, durable, and easy-to-use measurements.

### Product highlights

- NEW - Input Alert™ alarm for wrong operation
- NEW - Standard test leads with fine tips
- NEW - One-Key Wake-Up
- NEW - Voltage reading upgraded to 6000 counts
- NEW - Capacitance improved to 2000 uF
- CATIII 600V safety rating
- Frequency and temperature measurement (17B MAX)
- 1 year Fluke India warranty



**Fluke 15B MAX**

**Fluke 17B MAX**

### NEW Features



Test lead with fine tip



Any key wake-up



Wrong input alarm



6000 count

### General specifications

Maximum Voltage between any Terminal and Earth Ground:	600 V
Maximum Differential Voltage between V and COM Terminals	1000V
Display (LCD)	6000 counts, updates 3 times per second
Battery Type & Life	2 AA, IEC LR6, 500 hours
Dimensions (H x W x L)	183 mm x 91 mm x 49.5 mm
Weight	455 g
Ingress Protection	IP40
Safety	IEC 61010 -1, IEC61010 -2-033 CAT III 600 V, Pollution Degree 2

### Ordering information

Item Code	Description
5336066	15B MAX-01 with TL75 Test Leads
5336075	15B MAX-02 with TL31 Fine Tip Test Leads
5336082	15B MAX KIT with TL31+ TL75 Test Leads
5336094	17B MAX-01 with TL75 Test Leads
5336100	17B MAX-02 with TL31 Fine Tip Test Leads
5336117	17B MAX KIT with TL31+ TL75 Test Leads

### Included accessories

- TL75 / TL31 Test Lead set
- 2 AAA Batteries [installed]
- Users manual
- Statement of calibration practices

### Optional accessory



TPAK Carry Case C11x

# Digital Multimeters



**NEW**

## Fluke 110 True-RMS Multimeter

### Product highlights

- CAT III 600 V safety rated
- 6000 Count True-RMS AC/DC voltage for accurate measurements on non-linear signals
- mV AC/DC, resistance measurement with continuity test
- Large white LED backlight display
- 3 year Fluke India warranty

Fluke 110



## Fluke 115 True-RMS Multimeter

### Product highlights

- CAT III 600V safety rated
- 6000 Count True RMS measurements
- AC/DC Current, AC/DC Voltage, Resistance, Frequency, Capacitance Measurements
- 3 year Fluke India warranty

Fluke 115

### Specifications

Maximum voltage (between any terminal and earth ground)	600 V
Safety	IEC 61010-1, Pollution degree 2 IEC 61010-2-033, CAT III 600 V
Display	Digital: 6,000 counts, updates 4/sec
Bar graph	33 segments, updates 32/sec
Operating	-10 °C to + 50 °C
Storage	-40 °C to + 60 °C
Battery	9 volt alkaline, IEC 6LR61
Battery life	400 hours typical, without backlight

### Compact true-rms meter for accurate electrical installation and troubleshooting

The Fluke 110 is a versatile multimeter for electrical measurements and troubleshooting. Trusted by residential and commercial electricians for troubleshooting and maintenance. The 110 is for professional use, where true-rms accuracy is needed.



### Ordering information

FLUKE-110 Electrical Multimeter  
FLUKE-115 Electrical Multimeter

### Included accessories

- TL 75 Test leads
- 9 volt alkaline battery
- Users manual
- Statement of calibration practices

### Optional accessory



TPAK Carry Case C11x

# Digital Multimeters

## Fluke 175 and 177 True-RMS Multimeters



Fluke 175

Fluke 177



### Product highlights

- Wide 1000 V measurement range
- True-rms for precise measurement of non linear signals
- Capacitance, resistance, continuity and frequency
- Built-in thermometer (179)
- Large, easy-to-read display
- Backlight for work in dim areas (177)
- Min/Max to record signal fluctuations
- Free your hands with the optional TPAK magnetic hanger
- Lifetime Warranty

### Specifications

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	CSA, CE
Mechanical and general specifications	
Size	43 x 90 x 185 mm
Weight	420 g
Battery life	Alkaline ~200 hours typical, without backlight

### Versatile meters for maintenance, field service and bench repair.

The 170 Series have the features needed to find most electrical, electronic, electro-mechanical and heating and ventilation problems. They are simple to use and have significant improvements over Fluke's original 70 Series like true-rms, more measurement functions, conformance to the latest safety standards, and a much larger display that's easier to view.



### Ordering information

FLUKE-175 Electrical Multimeter  
FLUKE-177 Electrical Multimeter

### Included accessories

- TL 75 Test leads
- 9 volt alkaline battery
- Users manual
- Statement of calibration practices

### Optional accessory



TPAK Carry Case C11x



# Clamp Meter selection guide

		Average Responding Clamp Meter					True RMS Clamp Meter				
Model		Fluke 362	Fluke 302+	Fluke 303	Fluke 305	Fluke 317	Fluke 319	Fluke 323	Fluke 324	Fluke 374 FC	
<b>Measurements</b>											
Avg/ True RMS		AVG	AVG	AVG	AVG	True RMS	True RMS	True RMS	True RMS	True RMS	
DC		200A	-	-	-	600A	1000A	-	-	600A	
Accuracy		±2% + 5 counts	-	-	-	±1.5% + 5 counts	±1.5% + 5 counts	-	-	±2% + 5 counts	
AC		200A	400A	600A	999A	600A	1000A	400A	40A/400A	600A	
Accuracy		±2% + 5 counts	±1.8% + 5 counts	±1.8% + 5 counts	±1.5% + 5 counts	±1.5% + 5 counts	±1.5% + 5 counts	±2% + 5 counts	±2% + 5 counts	±2% + 5 counts	
DC		600V	600V	600V	600V	600V	600V	600V	600V	1000V	
Accuracy		±1% + 5 counts	±1% + 5 counts	±1% + 5 counts	±1% + 5 counts	±1% + 4 counts	±1% + 4 counts	±1% + 5 counts	±1% + 5 counts	±1% + 5 counts	
AC		600V	600V	600V	600V	600V	600V	600V	600V	1000V	
Accuracy		±1.5% + 5 counts	±1.5% + 5 counts	±1.5% + 5 counts	±1.5% + 5 counts	±1.5% + 5 counts	±1.5% + 5 counts	±1.5% + 5 counts	±1.5% + 6 counts	±1% + 5 counts	
Resistance		3000Ω	4000Ω	4000Ω	4000Ω	4000Ω	4000Ω	4000Ω	4000Ω	6000Ω	
Capacitance measurement		-	-	-	-	-	-	-	1000µf	1000µf	
Frequency measurement		-	-	-	-	-	Yes	-	-	-	
Inrush current measurement		-	-	-	-	-	Yes	-	-	Yes	
i-Flex accessory		-	-	-	-	-	-	-	-	Yes(optional)	
<b>Other features</b>											
Continuity check		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Min / Max		-	-	-	-	Yes	Yes	-	-	Yes	
Data hold		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Backlight		-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	
Jaw open		18mm	30mm	30mm	30mm	37mm	37mm	30mm	30mm	34mm	
<b>Safety &amp; Warranty</b>											
Safety rating		CAT III	CAT III	CAT III	CAT III	CAT III	CAT III	CAT III	CAT III	CAT III	
Warranty		2 Years	2 Years	2 Years	2 Years	1 Year	1 Year	2 Years	2 Years	3 Years	

# Clamp Meters

## Fluke 362 Clamp Meter 200A AC / DC Clamp Meter

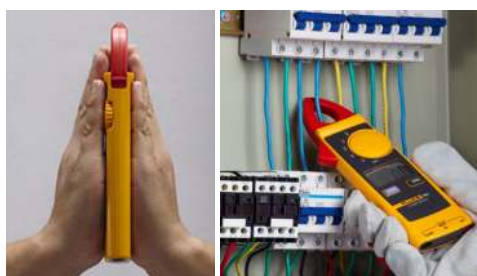
Ready to go wherever your work takes you



**Fluke 362**

### Product highlights

- CAT III 600V safety rating
- 200 A AC and DC current measurement
- 600VAC and DC voltage measurement
- 3000 Ω resistance range with continuity check
- Zero function allows the display to be cleared for DC measurements
- Data hold function
- 18 mm triangular jaw allows for easy measurement in tight places
- Large, easy-to-read display for easy viewing
- Thin, light, compact body design for one-hand operation
- 2 years Fluke India warranty



The new Fluke 362 Clamp Meter is designed to easily fit in your pocket. The small 18 mm triangular jaw allows access into tight places where other clamp meters can't reach, while providing the accuracy you can trust from a Fluke tool. This durable clamp meter is a must-have for basic clamp measurements.

### Carry case for Fluke 362



C30X  
Optional accessory

### Ordering information Fluke 362 Clamp Meter

#### Included accessories

- Clamp meter
- TL 75 test lead set
- Two AAA batteries (installed)
- User manual
- Statement of calibration practices

General specifications	
Size (LxWxH)	205 mm × 60 mm × 22 mm
Jaw opening	18 mm
Weight	196 g
Safety rating	CAT III 600 V

# Clamp Meters



**Fluke 302+, 303 & 305**



**Carry case C30x  
for Fluke 302+, 303 & 305**  
Optional accessory

## Fluke 302+, 303 and 305 Digital Clamp Meters

come with all the rugged, reliable and accurate features you have come to trust, in a small, ergonomic design. The innovative body design offers a more compact tool to meet your needs. With features of AC current measurements upto 1000 A (305) a large 30 mm jaw opening and CAT III 600 V safety rating, you get an easy-to-use tool that handles your everyday electrical maintenance needs.

### Product highlights

- CAT IV 300 V / CAT III 600 V safety rated
- 1000 A AC current measurement (305)
- 600 A AC current measurement (303)
- 400 A AC current measurement (302+)
- 30 mm jaw size for multiple applications
- Resistance range upto 4kΩ
- Slim, ergonomic design is easy to carry and simple to use
- Easy to read backlight display
- Statement of calibration practices included
- 2 years Fluke India warranty

## Fluke 317 & 319 True RMS Clamp Meters

Accurate. Rugged. Safe.

Unique, portable True RMS precision clamp meters. The new Fluke 317 & 319 are designed based on detailed research into the requirements of electrical engineers. These clamps are powerful tools for the daily maintenance and installation of electrical machinery.

### Product highlights

- 1000A AC/DC current measurement (319)
- 600A AC/DC current measurement (317)
- Unique 40 A low frequency measurements capability with 0.01 A resolution
- Frequency & Inrush current measurement (319)
- Additional measurement of resistance and continuity check feature
- Data hold features with large, easy to read backlight display
- Statement of calibration practices included
- 1 year Fluke India warranty



**Fluke 317**



**Fluke 319**



# Clamp Meters



Fluke 323 & 324



## Fluke 323 & 324 True-RMS Clamp Meters

The Fluke 323 and 324 Clamp Meters are designed to perform in the toughest environments and provide noise-free, reliable results users can trust to confidently diagnose problems. True-rms measurements and optimized ergonomics make the 320 Series Clamp Meters the best general troubleshooting tools for commercial and residential electricians.

### Key Features

- Slim, ergonomic design
- Large, easy to read back light display (324 only)
- CAT IV 300 V/CAT III 600 V safety rating
- Hold button
- Two-year warranty
- Soft carrying case
- 2 years Fluke India warranty

Specifications		323	324
AC current	Range	400.0 A	40.00 A/400.0 A
	Accuracy	2 % ± 5 digits (45 Hz to 65 Hz) 2.5 % ± 5 digits (65 Hz to 400 Hz)	1.5 % ± 5 digits (45 Hz to 400 Hz) Note: Add 2 % for position sensitivity
DC current	Range	—	—
	Accuracy	—	—
AC voltage	Range	600.0 V	600.0 V
	Accuracy	1.5 % ± 5 digits	1.5 % ± 5 digits
DC voltage	Range	600.0 V	600.0 V
	Accuracy	1.0 % ± 5 digits	1.0 % ± 5 digits
Resistance	Range	400.0 Ω/4000 Ω	—
	Accuracy	1 % ± 5 digits	1 % ± 5 digits
Continuity		≤ 70 Ω	≤ 30 Ω
Capacitance		—	—
Frequency		—	—
AC response		True-rms	True-rms
Backlight		—	Yes
Data hold		Yes	Yes
Contact temperature		—	-10.0 °C to 400.0 °C (14.0 °F to 752.0 °F)
Min/Max		—	—
Size	H x W x D (mm)	207 x 75 x 34	207 x 75 x 34
	Max wire diameter	30 mm (600 MCM)	30 mm (600 MCM)
	Weight	265 g	208 g
Category rating		CAT III 600 V CAT IV 300 V	CAT III 600 V CAT IV 300 V



Carry case C30x  
for Fluke 323 & 324  
Optional accessory

# Clamp Meters



## Fluke 374 FC True-RMS AC/DC Clamp Meter

This clamp meter offers advanced troubleshooting performance and is now part of the Fluke connect family of wireless test tools.



The Fluke 374 FC is part of the Fluke Connect family of wireless test tools. Now you can:

### Product highlights

- Trend measurements and pinpoint intermittent faults by connecting your meter to your phone via Fluke Connect® Measurements app
- Transmit results wirelessly via Fluke Connect® Measurements app
- Create and send reports right from the field
- Stay safely away from the arc flash zone through Bluetooth connectivity to Apple and Android devices
- Proprietary inrush measurement technology to filter out noise and capture motor starting current exactly as the circuit protection sees it
- Ergonomic design fits in your hand and can be used while wearing personal protective equipment
- Large, easy to read backlight display automatically sets the correct measurement range so you do not need to change the switch positions while taking a measurement



### General specifications

Jaw Opening	1.33" (34mm)
Max Wire Size	750 MCM
Current Range AC (RMS)	0 - 600 A
Accuracy AC Current (50/60Hz)	2% +/- 5 counts
AC Response	True-rms
Current Range DC	0 - 600 A
Accuracy DC current	2% +/- 5 counts
Voltage Range AC	0 - 600 V
Accuracy AC Voltage	1.5% +/- 5 counts
Voltage Range DC	0 - 600 V
Accuracy DC Voltage	1% +/- 5 counts
Resistance Range	0 - 6000 Ω
Mechanical, Environmental and Safety Ratings (Category Ratings)	600 V CAT IV 1000 V CAT III
Warranty	3 years



\*iFlex™ i2500-18, sold as accessory

# 1AC II / 2AC VoltAlert™ LVD2 Volt Light



## 1AC II VoltAlert™

The Fluke VoltAlert AC voltage detector is very easy to use – just touch the tip to a terminal strip, outlet or cord. When the tip glows red and the unit beeps, you know there is voltage on the line.

- It continually tests its battery and its circuit integrity with a periodic double flash visual indication
- Highest safety rating: CAT IV 1000V
- Detects voltage without metallic contact
- 2 years Fluke India warranty.



## 2AC VoltAlert™

2AC is the latest addition to the VoltAlert™ ac non-contact voltage tester family from Fluke and is designed to be pocket-sized and easy to use. The 2AC tests for energized circuits and defective grounds, whether it's for an electrician on the factory floor or the do-it-yourselfer around the house. The tip of the pocket-sized tester will glow red when within close proximity of an outlet, terminal strip or power cord where voltage is present.

- Voltage detection from 90 to 1000 V AC, suitable for a wide range of residential, commercial and industrial needs
- NEW! Always on, using special low power circuitry to sustain battery life and ensure your 2AC is always ready
- NEW! Innovative 'Battery Check' button function ensures battery is in good condition
- Category IV – 1000 V over voltage rated product for best in class user protection
- Integrated clip design, optimized for pocket storage
- Powered by 2 x AAA batteries (included)
- Fluke ruggedness and reliability
- 2 years Fluke India warranty.



## LVD2 Volt Light

Combines bright light and voltage detection in one pen style design

- Dual sensitivity
- Detects voltage from 90 V to 600 V AC
- Blue light means you're close
- Red light means you're at the source
- Rated to CAT IV 600 V
- 2 years Fluke India warranty.



## T+PRO Electrical Tester

Safer than traditional solenoid testers and fully compliant with NFPA 70E

The Fluke T+PRO testers have all the advantages of the traditional solenoid testers, with none of the typical drawbacks. Use all 3 voltage detection methods - light, sound and vibration to work more efficiently in noisy environments, dimly lit areas or tight spaces. Built-in flashlight, GFCI (Ground-Fault Circuit Interrupter) trip capability and the legendary ruggedness you expect from Fluke make these an excellent choice for most residential, commercial and industrial applications.

The Fluke T+PRO is the choice for the demanding commercial and industrial electricians. The full-featured electrical tester includes voltage and continuity measurement, a Rotary Field Indicator, resistance and a digital display with 0.1 V resolution. 2 years Fluke India warranty.



### The pocket voltage detector

The next generation VoltAlert™ AC non contact voltage testers from Fluke are easy to use-just touch the tip to a terminal strip, outlet or supply cord. When the tip glows red and the unit beeps, you know there's voltage present. Electricians, maintenance, service, safety personnel and homeowners can quickly test for energized circuits at their workplace or home.

Features	2AC 200-1000 V AC CAT IV 1000 V	1AC-II 200-1000 V AC CAT IV 1000 V	LVD2 90-600 V AC CAT IV 600 V
Voltage Detection	■	■	■
Battery Included	■	■	■
Battery Check	■		
On/Off Button		■	■
Voltbeep™		■	
Audible/Silent		■	
Dual Sensitivity			■
LED Flashlight			■



# Insulation Resistance Testers



**Fluke 1503**



## Fluke 1503 Insulation Resistance Testers

**The quality, durability, and convenience you need**

These lightweight, affordable insulation testers are perfect for troubleshooting, commissioning and preventive maintenance applications.

- Remote test probe for rapid testing
- Insulation test range 0.1 MΩ to 2 GΩ (1503)
- Live circuit detection prevents insulation test if voltage > 30V is detected
- Auto-discharge of capacitive voltage
- AC/DC voltage: 0.1 V to 600V
- Lo ohms/Earth-bond continuity (200 mA) for checking connections and motor windings
- Resistance: 0.1 Ω to 20.00 kΩ

Specifications	
	<b>1503</b>
Insulation test voltages 50 V, 100 V, 250 V, 500 V, 1000 V	
Insulation test voltages 500 V, 1000 V	•
Insulation resistance	0.1 MΩ to 2 GΩ
Auto-discharge of capacitive voltage	•
Continuity function	200 mA acc. EN 61557-4
Resistance	0.1 Ω to 20.00 kΩ
Auto power off	•
Warranty	1 year

### Recommended accessories



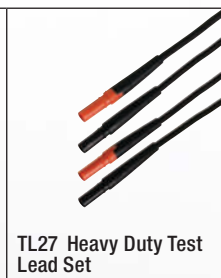
Magnetic Meter Hanger frees up both hands to focus on making measurements safely.



Check connections and motor windings with Lo ohms/earth-bond continuity test.



TLK289 Industrial Master Test Lead Set



TL27 Heavy Duty Test Lead Set



C116 Soft Carrying Case



C101 Hard Case

# Phase Rotation Indicator

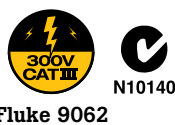


**Fluke 9062**

## Fluke 9062 Motor and Phase Rotation Indicator

### Product highlights

- 3 phase indication
- Indication of phase rotation
- Indication of motor rotation direction
- Contact free determination of the rotation direction of running motors
- 2 years Fluke India warranty



Fluke 9062

### Take the guesswork out of phase / motor rotation measurements

The unique Fluke 9062 provides rotary field and motor rotation indication with the benefits of contact-less detection. Purpose made for commercial and industrial environments, the Fluke 9062 provides rapid indication of 3 phase rotation using test leads supplied or can be used to determine motor rotation on synchronous and asynchronous 3 phase motors. The contact-less detection is ideal for use on motors where the shaft is not visible. Test probes supplied with the instrument have a variable clamping range for safe contact, especially in industrial sockets.

### Features

	9062
3 phase indication	Via LED
Indication of phase rotation	•
Indication of motor rotation direction	•
Contact free determination of the rotation direction of running motors	•

### Specifications

	9062
Voltage range	Up to 400 V AC
Phase display	120 - 400 V AC
Frequency range	2-400 Hz
Operating time	Continuous



## Fluke 9062 Applications



Determine the presence of phase sequence of multiphase electrical supplies.



Determine the rotation of running motors simply by placing the instrument on the motor casing.



Check the correct rotation of motors prior to connection.

# Infrared Thermometer



**Fluke 59 Mini**

## Fluke 59 Mini

**Reliable temperature measurements. Wherever you need to go**

The Fluke 59 Mini digital thermometer is the perfect product for electricians to do daily electrical installation and maintenance jobs. The Fluke 59 Mini infrared thermometer offers quick and reliable surface temperature readings. This compact and portable design enables technicians to easily carry, hold and operate the meter in industrial environment.

### Product highlights

- Small and lightweight design fits easily into your tool box
- Single point laser sighting for accurate and repeatable measurements
- Easy-to-use for everyday temperature measurements
- Large, easy to read backlit LCD display for easy viewing
- Measurements Range - 18°C to 275°C (0°F-525°F)
- 8:1 Distance to spot (D:S)
- Statement of calibration practices included
- 1 year Fluke India warranty

## Fluke 59 MAX / 59 MAX+ Infrared Thermometers

**Fits your budget, Fits your job.**

With 70 years of expertise as the leader in the test tools industry, Fluke has built the 59 MAX and 59 MAX+ IR thermometers with the precision you need to do your job accurately and within your budget. Designed to withstand a 1 meter drop, you can count on these lightweight, compact IR thermometers to work when you need them.

### Product highlights

- Precise laser technology for more accurate and repeatable measurements
- Large, easy to read backlit LCD display for easy viewing
- Small and lightweight design fits easily into your tool box
- Displays the minimum, maximum or average temperature, or the difference between two measurements
- Hi and Lo alarms for rapid display for measurements outside the limits
- Measurement Range - F59 MAX : -30°C to 350°C
- Measurement Range - F59 MAX+ : -30°C to 500°C
- 10:1 Distance to Spot ratio, 59 MAX+ (8:1 Distance to Spot ratio, 59 MAX)
- IP40 rated for extra protection
- Powered by one (1) AA battery
- Statement of calibration practices included
- 1 year Fluke India warranty



**Fluke 59 Max+**



# Infrared Thermometer

## 62 Max IR Thermometers

Temperature is often the first indication of a potential problem in electrical and mechanical applications. But how can you easily determine if an electrical panel has a hot spot, a motor is overheating or an HVAC system is inefficient? The answer is with an infrared (IR) thermometer. With handheld, non-contact IR thermometers, you can instantly measure equipment temperatures in hard to reach or hazardous areas. And with early detection of abnormal temperatures comes early correction of problems.

### Why Fluke 62 MAX ?

Designed with your on-the-job in mind, the new Fluke 62 MAX infrared thermometer is everything you'd expect from the experts in measurement tools, smaller in size, extremely accurate and very easy to use. IP 54 rated for dust and water resistance. Precise yet rugged enough to take a 3- meter drop. In fact, the 62 Max is so tough, that it is the only IR thermometer around you that you can handle without care.



Fluke 62 MAX



### Product highlights

**Dust and water-resistant :** IP54 rated for dust and water resistance.

**Rugged :** 3-meter (9.8-foot) drop tested.

**Ergonomically designed :** Completely redesigned for a more comfortable hand fit

**Small in size :** Small and lightweight; clips to your tool belt or belt loop or easily fits into your tool box.

**Distance to spot :** Precise laser technology makes for more accurate and repeatable measurements.

**Large, backlit display :** Large screen makes data easier to read, even in dark areas.

**Min/Max/Avg/Dif :** Displays the minimum, maximum or average temperature, or the difference between two measurements.

**Alarm :** Hi and Lo alarms for rapid display of measurements outside the limits.

**Power :** Both the 62 MAX and 62 MAX+ are powered by a single, standard AA battery.

Specifications	
Function	Parameter
Temperature range	-30°C to 500°C (-22°F to 932 °F)
Accuracy	± 1.5°C or ± 1.5% of reading ±2.0 at -10°C to 0°C ±3.0 at -30°C to -10°C
Response time (95%)	<500ms (95% of reading) Spectral Response : 8 to 14 microns Emissivity : 0.10 to 1.00
Optical resolution	10:1 (calculated at 90% energy)
Display resolution	0.1 °C (0.2 °F)
Repeatability of readings	±0.8% of reading or <±1.0°C (2°F), whichever is greater
Power	1 x AA battery
Warranty	3 years

# Infrared Thermometer

## Raytek MT4 MiniTemp IR Thermometer



MT4

Infrared (IR) thermometers have become the preferred tool for diagnostics and inspection where the temperature is an indicator. Raytek IR thermometers are valued by professionals in a variety of industries—from industrial maintenance to food service, because they quickly, accurately and safely measure surface temperature! Anywhere that temperature is a factor in process, product quality or diagnostics, a Raytek IR thermometer should be close at hand.

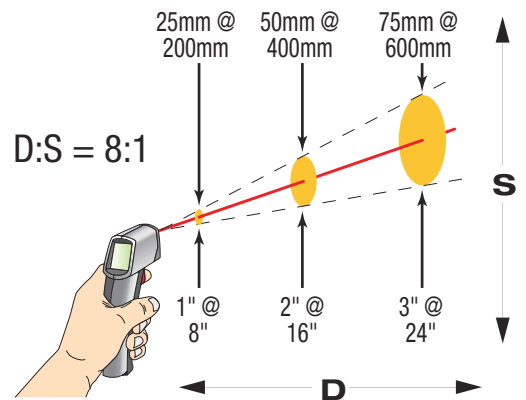
### Product highlights

- Simple to use
- Instant readings
- Laser Point (Mt4)
- Large, easy to read display
- Temperature Range (Mt4) -18° to 400°C (0° to 750°F)
- °C or °F selectable
- 1 year Fluke India warranty



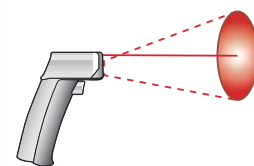
Specifications	MT4
Temperature range	-18 to 400°C (0 to 750°F)
Accuracy	-1°C (30°F) to 275°C (525°F) ±2% or ±2°C (±3.5°F) whichever is greater -18°C (0°F) to -1°C (30°F) ±3°C (±5°F)
Repeatability	±2% of reading, or ±2°C (±3°F), whichever is greater
Response time	500 mSec, 95% response
Spectral response	7–18 μm
Emissivity*	pre-set 0.95
Ambient operating range	0 to 50°C (32 to 120°F)
Relative humidity	10–95% RH noncondensing, @ up to 30°C (86°F)
Storage temperature	-20° to 65°C (-4° to 150°F) without battery
Weight / Dimensions	227 g (0.5 lb); 152 x 101 x 38 mm (6 x 4 x 1.5 in)
Power	9V Alkaline or NiCd battery (included)
Distance to spot size	8:1
Typical distance to target (spot)	Up to 1.5m or 4 ft
Display hold (7 seconds)	Yes
LCD backlit	Yes
Temperature display	°C or °F selectable
Display resolution	0.2°C (0.5°F)

### Optical Resolution



The MiniTemp thermometer is intended for close range targets, measuring a minimum target area of 1 inch in diameter out to a distance of approximately 8 inches, and has a 6 inch target measurement area at 4 feet.

### Laser Sighting



Laser Point : Single-point laser indicates the approximate center of the target spot.

# Portable Infrared Thermal Imagers



**Fluke VT06 & VT08**

## Fluke VT06 & VT08 Visual IR Thermometer

Fluke VT series is built with legendary Fluke ruggedness and quality. With compact design and upgraded function, the temperature measurement is visualized, so that you can obtain a clear and accurate infrared thermal image.

### Key Features

- Wide temperature range, -20 °C to 400 °C
- 2 hours fast charging time, 8 hours battery life (VT06 only)
- Single-level menu interface, Open-and-View
- Quickly locate the measured target with built-in laser pointer
- Auto high/low temperature capture

Specifications	VT08	VT06
<b>Measurement Temperature Range</b>	-20 °C to 400 °C (-4 °F to 752 °F)	
<b>Target Distance Range</b>	0.5 m to 1.2 m (19.7 in to 47.2 in)	
<b>Thermal Image Features</b>		
Frame rate	9 Hz or 22 Hz depending on model variation	
Infrared resolution	120 x 90	
Noise Equivalent Temperature Difference (NETD)	<60 mK	
Spectral band	7.5 μm to 14 μm (long wave)	
Field of View (H x V)	50 ° x 37.5 °	
Spatial resolution (IFOV)	7.6 mRad	
Minimum focus distance	0.5 m (19.7 in)	
<b>Visual (visible light) features</b>		
Minimum focus distance	0.5 m (fixed focus)	N/A
Resolution	320 x 240	N/A
Field of View (H x V)	53 ° x 41	N/A
Flashlight	Yes	No
Laser Pointer	Yes	Yes
<b>Palette</b>	WhiteHot, IronRed, HotIron, RainBow1, RainBow2, Arctic	
<b>Image Capture and Data Storage</b>		
Internal storage	14 GB (>50 000 images)	
File Formats	JPEG compression format (.jpg)	
Memory Review	Full screen review	
Picture in Picture (PIP)	Yes	No

### Ordering Information

5341941 Fluke-VT06/APC  
5341952 Fluke-VT08/APC

### Standard accessories

Wrist strap for main unit  
Quick reference guide  
Charger + Adapter  
TYPE-C data cable  
Data-downloading card





# Laser Distance Meters **NEW**

## Fluke 404E, 406E, 405, 408 and 410

These Laser Distance Meters have the Fluke's core value you expected. The simple design and easy-to-use button operation allow you to operate with one hand, minimize the time spent in measuring, also maximize the reliability of measurements.



	Fluke 404E	Fluke 406E	Fluke 405	Fluke 408	Fluke 410
<b>Specifications</b>					
Range	0.2 to 40 m	0.2 to 60 m	0.2 to 50 m	0.2 to 80 m	0.2 to 100 m
Accuracy	$\pm(2.0\text{mm}+5\times 10^{-5}\text{D})$		$\pm(2.0\text{mm}+5\times 10^{-5}\text{D})$		
Measurement unit	m / ft / in / ft+in				
Display	1.6 inch, segment alphanumeric display			2.0-inch positive display	
<b>Measurements</b>					
Single measurement	•	•	•	•	•
Continuous measurement	•	•	•	•	•
Area measurement	•	•	•	•	•
Volume measurement	•	•	•	•	•
Auto Level	•	•	•	•	•
Auto Height	•	•	•	•	•
Pythagoras 2-point	•	•	•	•	•
Pythagoras 3-point	•	•	•	•	•
Add / Subtract Method	•	•	•	•	•
Measurement reference	Front / Back		Front / Tripod hole / Back / Extender		
Auto-off	3 minutes after inactivity		3 minutes after inactivity		
Data Storage	30 sets		100 sets		
Time-delay measurement	-	-	•	•	•
Auto calibration	-	-	•	•	•
Side button	-	-	•	•	•
Extender	-	-	•	•	•
<b>General</b>					
Laser class & type	Class 2, 630 to 670nm, <1mW				
Battery life	up to 5000 measurements		up to 3500 measurements		
Operating temperature	0 °C to 40 °C				
Storage temperature	-10°C to 60°C				
Ingress protection	IP54		IP65		
Drop test	1 m		1 m		
Size	50 mm × 115mm × 29mm		52 mm × 116mm × 28mm		
Weight	100g		110g		
Warranty	1 year				
Vinyl carrying pouch	✓	✓	✓	✓	✓
Battery	2 AAA alkaline cells		2 AAA NiMH rechargeable cells	2 AAA NiMH rechargeable cells	2 AAA NiMH rechargeable cells
Lanyard	-	✓	✓	✓	✓
Charging cable	-	Type-C cable, 0.5m	Type-C cable, 0.5m	Type-C cable, 0.5m	Type-C cable, 0.5m
Laser certification	IEC 60825-1: Class 2, 635 nm, <1 mW, CPA, CE				
Electrical certification	IEC 61010-1: Pollution Degree 2 EMC IEC 61326-1: Industrial Electromagnetic Environment CISPR 11: Group 1, Class A				

# Laser Distance Meters

## Fluke 424D and 417D Laser Distance Meters



**417D**

**424D**

**Professional-grade distance measuring tools that are fast, easy to use and fit in your pocket.**

The Fluke laser distance meters use the most advanced distance measuring technology. These meters are fast, accurate, durable, and easy to use—just point and shoot. Their simple design and easy one-button operation means you spend less time measuring while increasing the reliability of the answers that you need.

### Product highlights

- Eliminate estimation errors, saving both time and money
- Instant measurement with one-button operation
- Easy targeting with bright laser
- Quick calculation of area (square footage) and volume
- Easy addition and subtraction of measurements
- 3 Years Fluke India warranty

Specifications		
	Fluke 417D	Fluke 424D
Typical Range	40m/130ft	100m/330ft
Typical Measuring Tolerance	±2.0mm	±1.0mm
Laser class	2	2
Laser type	635 nm, <1 mW	
Protection class	IP54	IP54
Battery life (2 x AAA) 1.5 V NEDA 24A/IEC LR03	Up to 3,000 measurements	Up to 5,000 measurements
Size (H X W X D)	11.9 X 3.8 X 2.6 cm	127mm X 56mm X 33mm
Weight (with batteries)	95g	158 g
Safety	IEC Standard No. 61010-1:2001 EN60825-1:2007 (Class II)	
EMC	EN 61326-1:2006	EN 55022:2010 EN 61000-4-3:2010 EN 61000-4-8:2010

# Temperature Humidity Meter



**Fluke 971**

## Fluke 971 Temperature Humidity Meter

Quickly take accurate humidity and temperature readings in the air. Temperature and humidity are two important factors in maintaining optimal comfort levels and good indoor air quality. The Fluke 971 is invaluable for facility maintenance and utility technicians, HVAC-service contractors, and specialists who assess indoor air quality (IAQ). Lightweight, rugged, and easy to hold, the Fluke 971 is the perfect tool for monitoring problem areas.

- Simultaneously measures humidity and temperature
- Measures dew point and wet bulb
- 99 record storage capacity
- Min/Max/Avg Data Hold
- Ergonomic design with built-in belt clip and protective holster
- Backlit, dual readings display
- Twist-open protective cap
- Low battery indicator
- 1 Year Fluke India warranty

### Specifications

Temperature range	-20 °C to 60 °C
Temperature accuracy 0 °C to 45 °C -20 °C to 0 °C and 45 °C to 60 °C	± 0.5 °C ± 1.0 °C
Resolution	0.1 °C
Response time (temperature)	500 ms
Temperature sensor type	NTC
Relative humidity range	5% to 95% R.H.
Relative humidity accuracy 10% to 90% R.H. @ 23 °C <10%, >90% R.H. @ 23 °C	± 2.5 % R.H. ± 5.0 % R.H.
Humidity sensor	Electronic capacitance polymer film sensor
Data storage	99 points
Response time (humidity)	For 90% of total range - 60 sec with 1 m/s air movement

Operating temperature:  
 Temperature: -20 °C to 60 °C  
 Humidity: 0 °C to 60 °C  
 Storage temperature : -20 °C to 55 °C  
 Battery life: 4 AAA alkaline, 200 hours

Safety: Complies with EN61326-1  
 Weight: 0.188 kg  
 Size (HxWxD): 194 mm x 60 mm x 34 mm



# Vane Anemometer



**Fluke 925**

## Fluke 925 Vane Anemometer

Easy-to-use and economical anemometer  
 The Fluke 925 is an economical and durable vane anemometer designed to measure wind speed, air flow and wind temperature conveniently. With a separate air flow sensor and display, the Fluke 925 provides the user with the flexibility to measure air flow in a variety of locations. Vane anemometers are well suited to measure air flow in residential and commercial buildings as part of regular maintenance checks.

### Product highlights

- Ability to measure wind speed in feet per minute or meters per second
- Data capture using one button and the ability to average multiple readings
- Min and Max alarm setting to alert the user when limits have been met
- Durable over mold housing to protect the unit from drops
- 1 M extension of sensor from display to ensure air flow is captured in hard to reach locations
- 1 Year Fluke India warranty



### Applications

- Clean rooms or other locations with installed filter systems
- Environmental Health and Safety personnel, construction research institutions
- HVAC system supplies, installers or maintenance technicians
- Pharmaceutical industry, food and beverage industry, electronic manufacturing, building fire protection

### Fluke 925 Main technical parameters

Wind speed measurement	Range	Resolution	Accuracy
m/s ft/m	0.40 to 25.00 m/s 80 to 4900 ft/m	0.01 m/s 1 ft/m	±2 % of full scale ±2 % of full scale
Air flow measurement	Range	Resolution	Accuracy
CMS (cubic meter/second)	0.01 to 99.99 m3/s	0.01	0 to 9.999 m2
CFM (cubic foot/minute)	1 to 9999 ft3/m	1	0 to 9.999 ft2
Wind temperature measurement	Range	Resolution	Accuracy
Wind temperature	0 °C to 50 °C	0.1 °C	±0.8 °C
Product specification			
Display	Dual-screen 4 digit (9999 points) LCD screen		
Measurement unit	Wind speed: ft/m; m/s Air flow: CMS (m3/s) and CFM (ft3/m) (cubic foot/minute) Wind temperature: °C and °F		
Data holding	Lock the displayed readings		
Sensor	Wind speed/air flow sensor: conventional angular vane arm, lubricating ball bearing Wind temperature sensor: precision thermistor Minimum/maximum value storage, recording and viewing the minimum reading and maximum reading		
Average reading storage	Single point (2 hours at most) or multiple points (8 readings at most)		
Auto power-off	Enter the sleep mode after 20 minutes (can be disabled) to save power		
Power supply	9V battery (high capacity alkaline battery)		
Battery life	100 hours		
Weight	363 g, including the battery and sensor		
Dimensions	181 × 71 × 38 mm		
Sensor head diameter	70 mm		

# Tachometer



**Fluke 931**

## Fluke 930 Non-contact Tachometer Fluke 931 Contact and Non-contact Dual-purpose Tachometer

The Fluke 931 is a handheld tachometer, which integrates the contact and non-contact speed measurement functions and can accurately measure the revolutions per minute (RPM) or surface speed on rotating machinery. Where equipment needs quick troubleshooting to diagnose problems, the Fluke 930 or 931 is the right tool for the job. The Fluke 930 is equivalent to a Fluke 931 with the ability to measure via stroboscope in non-contact mode only, at the same accuracy and for a lower price. With the ability for contact measurement and non-contact combined, the Fluke 931 provides greater flexibility for the professional technician.

### Product highlights

- 6-digit backlit display for easy data visualization
- Signal detection reminder minimizes false readings
- Maximum/Minimum/Average value and final readings
- Small size with rugged housing over mold to protect against drops
- Easy switching of the contact and non-contact measurement modes (Fluke 931 only)
- Different speed measuring heads to adapt to different measurement occasions (Fluke 931 only)
- 1 year Fluke India warranty



### Applications

- Heavy manufacturing environments, e.g. automotive, textile, pulp and paper, metalwork
- Water purification plants
- HVAC compressors for industrial systems

## Fluke 930 and 931 Main technical parameters

Rotation speed measurement	
Range	Optical (non-contact) measurement: 1 to 99999 revolutions/minute Contact measurement: 1 to 19999 revolutions/minute (Fluke 931 only)
Precision	±0.02 % RD+1
Sensing distance	(optical) 500 mm
<b>Specifications</b>	
Battery type	(2) 1.5V LR6 (alkaline) AA battery
Battery life	About 40 hours
Operating temperature	0 °C to 50 °C
Storage temperature	-20 °C to 70 °C
Weight	250 g
Dimensions	175 × 60 × 28 mm

# Light Meter

## Fluke 941 light meter

Designed for use in multiple environments, the Fluke 941 light meter is easy to use and provides clear data display for a variety of applications.

The Fluke 941 is a handheld luminometer that can measure visible light sent from a variety of light sources, to include fluorescent, metal halide, high pressure sodium, or incandescent lamps. With an extension cord to the light meter and separate display the Fluke 941 provides a handheld tool to accurately measure light in multiple environments. The Fluke 941 is a portable tool that measures light up to 20,000 fc of lux with an accuracy of .01 fc/lux.



**Fluke 941**

### Product highlights

- Measure in lux or footcandles, with one button to switch
- Measuring range up to 20,000 lux or foot candles
- Data hold to freeze reading on the digital display
- Min/max ability to show high and low readings
- Auto power off to save battery life
- Includes protective sensor cap
- 1 Year Fluke India warranty



### Applications

- Clean room environments, agriculture, HVAC operations
- Room illumination assessment as part of environmental health and safety reviews
- Light source quality and troubleshooting

## Fluke 941 Main technical parameters

Measurement parameter	
Range	20, 200, 2000, 20000, 200000 Lux 20, 200, 2000, 20000FC (footcandle)
Precision	±3 % (at 2854 °K — calibrated by the common incandescent lamp) ±6 % other visible light sources Cosine error 30° ±2 % 60° ±6 % 80° ±25 % Cosine angle corrected according to the grade A general specifications of JIS C 1609:1993 and CNS 5119 A
Specifications	
Sampling rate:	2.5 times/second for the digital display
Display:	3.5 digit 1999-point LCD screen
Sensor:	Silicon photoelectric diode and optical filter
Environment:	For indoor use
Power supply:	9V NEDA 1604, IEC 6LR61
Battery life:	200 hours; in about 6 minutes after auto power-off
Dimension (main unit)	130 × 63 × 38 mm
Dimension (sensor)	80 × 55 × 29 mm
Weight:	220 g (including the battery)



# Sound Meter



**Fluke 945**

## Fluke 945 Sound Level Meter

has been designed to meet the measurement requirements of safety Engineers, Health, Industrial safety offices and quality control in a wide variety of industrial environments. It offers two types of measurements: A weighting and C weighting. The A weighting is for general noise sound level and the C weighting is for measuring sound level of acoustic material control in various environments. The Fluke 945 conforms to the IEC651 Type 2, ANSI S1.4 Type 2 and JISC1502 requirements for Sound Level Meters.

### Product highlights

- Max/Min
- Frequency weighting ranges: A, C
- Auto power off
- Auto ranging
- Backlit display
- 1 Year Fluke India warranty



### Applications

- Environmental Health and Safety testing and verification
- Sound testing for education environments
- Heavy and light industry sound testing
- Healthcare environment testing
- Safety testing

## Fluke 945 Main technical parameters

Measurement parameter	Range	Resolution	Accuracy
Measurement of environment noise (A weighted)	30 to 130 dB	0.1 dB	±1.5 dB (ref 94dB@1KHZ)
Measurement of mechanical noise (C weighted)	35 to 130 dB	0.1 dB	±1.5 dB (ref 94dB@1KHZ)

### Specifications

Display	4 digits LCD
Microphone	1/2 inch electric condenser microphone
Power supply	9V NEDA 1604, IEC 6F22, JIS 006P battery
Auto power off	Approx. 5 min
Environment	Indoor operation, < 2000 m
Standard applied	IEC651 Type 2, ANSI 1.4 Type 2
Dynamic range	50 dB
Resolution	0.1 dB, Display Update : 0.5 sec.
Time weighting	Fast (125mS), Slow (1 sec)
Frequency range	31.5 Hz to 8 kHz

**You've already invested in a Fluke test and measurement tool. Now expand its capabilities with Fluke genuine accessories.**

**A digital multimeter can become a thermometer, an amp-meter, or even a pressure gauge.**

**Cases protect your tools. Non-contact detectors, probes and hat lights, meter hangers and appropriately rated test probes improve your safety and your proficiency.**



**Fluke i2500-10 Flexible Current Probe**

- 2500 A ac current measurement with select Fluke meters
- CAT IV 600V, CAT III 1000 V safety rating
- Compatible with Fluke 374 FC, 375 FC, 376 FC & 381 clamp meters



**Fluke I1010 AC/DC Current Clamp**

- AC/DC current clamp, 1 A to 1000 A and AC current from 1 A to 600A.
- Provides accurate current reading without breaking the circuit.
- Compatible with most Fluke multimeters.
- CAT III 600 V safety rating



**Fluke I410 AC/DC Current Clamp**

- Battery-powered Hall-effect probe measures 1A to 400 A
- 1mV/Amp output guarantees easy reading on your meter
- Maximum conductor Ø 30 mm CAT III 600 V safety rating



**Fluke TL175 TwistGuard™ Test Leads**

- New WearGuard™ lead wire wear indication.
- CAT II 1000 V, CAT III 1000 V, CAT IV 600 V, 10 A max., Pollution Degree 2
- -20 °C to 55 °C (-4 °F to 131 °F), altitude: 2000 m (6,562 ft)



**Fluke TL75 Hard Point™ Test Lead Set**

- 48 inches (1.22 meter) PVC insulated test leads with right-angle shrouded banana plugs
- CAT II 1000 V, , 10 A rating
- CAT IV 600 V, CAT III 1000 V only with protective cap



**Fluke TPAK ToolPak™ Magnetic Meter Hanger**

- Solves almost any hanging and positioning problem you may face
- The universal hanger allows you to hang your meter on nails, hooks and many other objects
- Compatible with many Fluke instruments



Fuse for 115/15B+/17B+/179 Combo (pack of 5 units)

Fuse for 15B+/17B+ (for 1 unit)

Fuse for 179 Combo (pack of 5 units)

Fuse for 315 mA (1pc)

## Let Fluke after sales service help you further

Did you know that the Fluke after sales service team can offer you much more than repairing and calibrating of your instrument when it is needed? Fluke service centre is backed by the product specialists and experts with multi years of experience and are focused on offering the best and most comprehensive after sales service for Fluke Instruments.

### So why should you use Fluke service?

- Original manufactures' parts used
- All instruments reviewed for latest updates and upgrades considered
- In depth product knowledge
- Accredited calibrations available on select models
- Traceable OEM calibration available on all products

### Fluke service centre handle a wide range of equipment.

As part of Fluke's continuing focus on improving our service to our customers, we now offer a comprehensive range of repair and calibrations on a vast range of instruments.



Scan below QR code to register your Fluke Product\* and Get 3 months additional warranty



\* For selected Fluke products only

### IMPORTANT BUYING TIPS

- Always buy from Fluke Authorised Channel Partners / Retail outlets
- Check for Fluke India "Genuine Warranty" hologram on packing
- Insist for Fluke India "Statement of Calibration"

### Stay Safe. Buy Original. Look out for the following

**1**

Look for Fluke India Genuine Warranty Hologram



**2**

Look for Fluke India MRP Sticker



**3**

Insist for Product Serial no. on Invoice



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

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