

Fluke 170 Series Digital Multimeters

Maintenance experts can find most electrical and HVAC problems

The Fluke 170 Series True-rms Multimeters is simple to use with significant improvements over the original Fluke 70 Series.

- Wide 1000 V measurement range
- True-rms for precise measurement of non-linear signals
- Capacitance, resistance, continuity and frequency
- Built-in thermometer (Fluke 179 only)
- Backlight for work in dimly lit areas (Fluke 177 and 179 only)
- Min/Max/Avg to record signal fluctuations
- Display hold and auto hold
- Manual and automatic ranging
- Basic dc accuracy (179/0.09%, 177/0.09%, 175/0.15%)
- Also available: 177 with true-rms and backlight and 175 with true-rms

Specifications

DC voltage	600.0 mV, 6.000 V, 60.00 V, 600.0 V, 1000 V	± 0.09% (Models 177 and 179) ± 0.15% (Model 175)
AC voltage ¹	600.0 mV, 6.000 V, 60.00 V, 600.0 V, 1000 V	± 1.0% of reading
DC current	60.00 mA, 400.0 mA, 6.000 A, 10.00 A ²	± 1.0% of reading
AC current ²	60.00 mA, 400.0 mA, 6.000 A, 10.00 A ²	± 1.5% of reading
Resistance	600.0 Ω, 6.000 kΩ, 60.00 kΩ, 600.0 kΩ, 6.000 MΩ, 50.00 MΩ	± 0.9% of reading
Capacitance	1000 nF, 10.00 μF, 100.0 μF, 9999 μF	± 1.2% of reading
Frequency ³	99.99 Hz, 999.9 Hz, 9.999 kHz, 99.99 kHz	± 0.1% of reading
Temperature (179 only)	-40 °C to +400 °C (-40 °F to +752 °F)	1.0% of reading
Battery life	200 hours typical for alkaline	
Dimensions (HxWxL)	4.3 cm x 9.0 cm x 18.5 cm (1.7 in x 3.5 in x 7.3 in)	

¹All ac voltage and ac current ranges are specified from 5% of range to 100% of range.

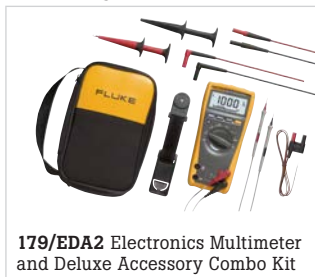
²10 A continuous, 20 A for up to 30 seconds.

³Voltage frequency is specified from 2 Hz to 100 kHz. Current frequency is specified from 2 Hz to 30 kHz.

Ordering information

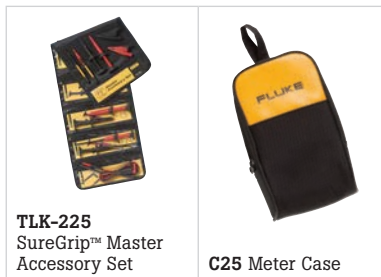
Models	Included accessories
FLUKE-179 Digital Multimeter	TL75 Test leads, temperature probe, 9 V battery (installed), manual
FLUKE-177 Digital Multimeter	TL75 Test leads, 9 V battery (installed), manual
FLUKE-175 Digital Multimeter	TL75 Test leads, 9 V battery (installed), manual

Kits—buy more, save more



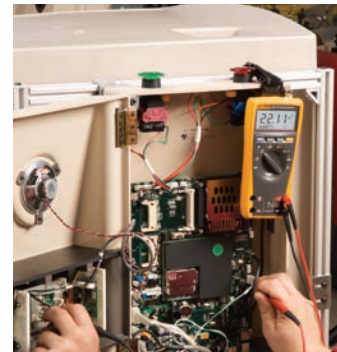
179/EDA2 Electronics Multimeter and Deluxe Accessory Combo Kit

Recommended accessories



TLK-225 SureGrip™ Master Accessory Set

C25 Meter Case



9040/9062 Phase Rotation Indicators

Take the guess work out of phase/motor rotation measurements

Fluke 9040

The Fluke 9040 is effective for measuring phase rotation in all areas where three-phase supplies are used to feed motors, drives and electrical systems. The Fluke 9040 is a rotary field indicator and can provide clear indication of the 3 phase via an LCD display and the phase rotation direction to determine correct connections. It allows rapid determination of phase sequence and has a voltage (up to 700 V) and frequency range suitable for commercial and industrial applications. Test probes supplied with the instrument have a variable clamping range for safe contact, especially in industrial sockets.

Fluke 9062

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.

Specifications

	9040	9062
Voltage range	40 - 700 V	Up to 400 V
Phase display	-	120 - 400 V AC
Frequency range	15 - 400 Hz	2-400 Hz
Operating time	Continuous	Continuous

Ordering information

Models	Included accessories
FLUKE 9040 Phase Rotation Indicator	Three alligator clips , three standard test probes, three flexible test probes
FLUKE 9062 Motor and Phase Rotation Indicator	Three alligator clips , three flexible test probes, three test leads

Not available in all regions



Recommended accessories

<p>TLK290 Test probe kit</p>	<p>TLK291 Fused test probe set</p>	<p>C25 Large soft case</p>
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Fluke cases and holsters

A premium meter deserves a premium case

Soft cases

CAMO-C25 Camouflage Carrying Case

- High quality 1000D fabric
- Dimensions (HxWxD): 20.3 x 12.1 x 4.6 cm (8 x 4.8 x 1.8 in)



CAMO-C37 Camouflage Carrying Case

- High quality 1000D fabric
- Dimensions (HxWxD): 26.5 x 9 x 3 cm (10.5 x 3.5 x 1.2 in)



C75 Accessory Case

- Zippered carrying case
- Dimensions (HxWxD): 17.9 x 10.3 x 2.6 cm (7 x 4 x 1 in)



C50 Meter Case

- Case with inside pocket, belt loop and inside meter strap
- Dimensions (HxWxD): 19.2 x 9 x 3.8 cm (7.56 x 3.5 x 1.5 in)



C25 Large Soft Case for DMMs

- Case with padding and inside pocket
- Dimensions (HxWxD): 21.8 x 12.8 x 6.4 cm (8.6 x 5 x 2.52 in)



C90 Soft Case for DMMs

- Case with inside pocket and belt loop
- Dimensions (HxWxD): 20.5 x 9 x 7.2 cm (8 x 3.5 x 2.8 in)



C35 Soft Carrying Case

- Made of durable polyester 600D
- Dimensions (HxWxD): 22 x 14 x 6.5 cm (8.7 x 5.5 x 2.6 in)



C23 Soft Carrying Case

- Case with inside pocket and belt loop
- Dimensions (HxWxD): 22.5 x 9.5 x 5.8 cm (8.9 x 3.75 x 2.3 in)



C280 Soft Case

- Made of durable polyester 600D
- Dimensions (HxWxD): 23 x 18.5 x 6.5 cm (9 x 7.3 x 2.6 in)



C115 Soft Carrying Case

- Made of durable polyester 600D
- Dimensions (HxWxD): 24 x 20.5 x 7.5 cm (9.5 x 8 x 3 in)



C116 Soft Carrying Case

- Made of durable polyester 600D
- Dimensions (HxWxD): 24 x 23 x 6.5 cm (9.5 x 9 x 2.6 in)



C150 Soft Carrying Case

- High quality 1000D fabric
- Dimensions (HxWxD): 29.8 x 11.4 x 5.6 cm (11.75 x 4.5 x 2.2 in)



C781 Meter Case

- Made of durable polyester 600D
- Dimensions (HxWxD): 26.9 x 14.1 x 9 cm (10.6 x 5.6 x 3.5 in)



C33 Soft Carrying Case

- Case with inside pocket and belt loop
- Dimensions (HxWxD): 28 x 11.5 x 5.5 cm (11 x 4.5 x 2.2 in)



C789 Meter and Accessory Case

- Made of durable polyester 600D
- Dimensions (HxWxD): 30.8 x 25.6 x 7.7 cm (12 x 10 x 3 in)



C43 Soft Carrying Case

- Made of durable polyester 600D
- Dimensions (HxWxD): 31.8 x 23 x 9 cm (12.5 x 9.1 x 3.5 in)



C550 Tool Bag

- Made of ballistic cloth with heavy-duty hardware
- Dimensions (HxWxD): 33.3 x 51.3 x 23.1 cm (13 x 20.2 x 9.1 in)



C345 Soft Case

- Made of durable polyester 600D
- Dimensions (HxWxD): 36 x 20 x 24 cm (14 x 8 x 9.5 in)

