

**FLUKE®**

# Fluke widens its electrical testing range with:

**New**

Fluke T50 Voltage & Continuity Tester

Fluke 2042 Cable Locator

Fluke 9040/9062 Phase Rotation Indicators



# 2042 Cable Locator

**New**



Receiver

Transmitter

## Fluke 2042



### The multipurpose solution to cable location

The Fluke 2042 is a professional general purpose cable locator. It is ideal for tracing cables in walls and underground, locating fuses/breakers on final circuits and locating interruptions and short-circuits in cables and electrical floor heating systems. It can also be used for tracing metallic water and heating pipes. The unit is supplied as a complete kit comprising of a transmitter and receiver in a purpose-made carry case. The receiver also incorporates a torch function for working in dimly lit locations.

- For all applications (live or dead cables) without additional instruments
- Set includes a transmitter and a receiver
- Proven digitally coded sender signal guarantees clear signal identification
- Transmitter with LC-display for transmitting level, transmitting code and external voltage
- Receiver with a backlight LC-display for level of receiving signal, code of receiving signal and live voltage indication
- Automatic or manual adjustment of receiving signal sensitivity
- Switchable acoustic receiving signal
- Auto-Power-Off
- Additional torch lamp function for working in dark environments
- Additional transmitters are available for extension or to distinguish between several signals.

### Specifications

	Transmitter	Receiver
Voltage Measurement Range	12V, 50V, 120V, 230V, 400V	
Frequency Range	0..60Hz	
Output signal	125 kHz	
Voltage	Up to 400V AC/DC	
Tracing depth cable location		0...2.5m wall/underground cables
Main voltage detection		0...0.4m

**Batteries Transmitter:** 6 pc Batteries 1.5V

**Batteries Receiver:** 1 pc Battery 9V

**Size (HxWxD) Transmitter:**

190 mm x 85 mm x 50 mm

**Size (HxWxD) Receiver:**

250 mm x 65 mm x 45mm

**Weight Locator:** 0.45 kg

**Weight Receiver:** 0.36 kg

**Two Year Warranty**

### Included Accessories

TL27 Heavy Duty Test Lead Set (2)

TP74 Lantern Tip Test Probe Set

AC285 Alligator Clip Set

Soft carrying case

Hard case

### Ordering Information

Fluke 2042 Cable Locator  
(transmitter + receiver)

Fluke 2042T Cable Locator Transmitter

### Recommended Accessories



Fluke 2042T

# 9040/9062 Phase Rotation Indicators

FLUKE®

New



Fluke 9040

Fluke 9062

## 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 700V) 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

## Features

	9040	9062
3 phase indication	Via LCD	Via LED
Indication of phase rotation	●	●
Indication of motor rotation direction		●
Contact free determination of the rotation direction of running motors		●
Clear LCD display	●	
No battery required	●	

## Specifications

	9040	9062
Voltage range	40-700V	Up to 440V
Phase Display	-	120-440V AC
Frequency range	15-400Hz	2-400Hz
Operating time	Continuous	Continuous



### Included Accessories

Fluke 9040: Alligator clips - black (3)  
Flexible test probes - black (3)  
Fluke 9062: Alligator clips - black (3)  
Flexible test probes - black (3)  
Test leads - black (3)

### Ordering Information

Fluke 9040 Phase Rotation Indicator  
Fluke 9062 Motor and Phase Rotation Indicator

Size (HxWxD) Fluke 9040:  
124 mm x 61 mm x 27 mm  
Size (HxWxD) Fluke 9062:  
124 mm x 61 mm x 27 mm

Power supply 9040: from unit under test  
Power supply 9062: 1 x 9V  
Weight 9040: 0.20 kg  
Weight 9062: 0.15 kg  
Two Year Warranty

## Recommended Accessories



TLK290 (not for UK)

TLK291 (UK only)

C25

# T100 Series/T50 Voltage and Continuity Testers

FLUKE®



## The fast and easy solution to voltage, continuity and phase rotation testing

### Fluke T50

Offers a low cost solution to voltage/continuity measurement. It contains an acoustic and optic continuity test and features a single pole test for phase detection.

### Fluke T100 Series

The fast and easy solution to voltage, continuity and resistance measurements. Ideal for site conditions, the 3 models of the T100 Series 2-pole testers have a

rugged construction and ergonomically formed housing for perfect handling. All models offer a patented three-phase rotation detection system providing quick phase rotation indication. Moreover they have a special electrical torch function for working in low light level environments and have an ingress protection rating of IP65. The T100 Series are compliant with EN 61010-1 and EN61243-3 requirements.

## Features

	T50	T100	T120	T140
Display			LCD	LCD
LED Bargraph	10 LED's	12 LED's	12 LED's	12 LED's
Backlight				●
Resistance measurement				●
Voltage test	●	●	●	●
Optical and acoustical continuity test	●	●	●	●
Rotary field indication		●	●	●
Single pole test for phase detection	●	●	●	●
Indication of polarity	●	●	●	●
Electrical torch function		●	●	●
Probe tip protection		●	●	●
The voltage display also functions when using discharged - or no batteries	●	●	●	●

## Specifications

	T50	T100	T120	T140
Voltage AC/DC	12 - 690V	12 - 690V	12 - 690V	12 - 690V
Continuity	0 - 200 kΩ	0 - 400 kΩ	0 - 400 kΩ	0 - 400 kΩ
Frequency	45 - 65 Hz	0 - 400 Hz	0 - 400 Hz	0 - 400 Hz
Phase Rotation	-	100 to 690V	100 to 690V	100 to 690V
Resistance measurement	-	-	-	Up to 1999Ω
Response time	< 0.1s	< 0.1s	< 0.1s	< 0.1s

Size T50 (HxWxD): 210mm x 40mm x 22mm

Size T100/T120/T140 (HxWxD):

240 mm x 56 mm x 24 mm

Case: T100/T120/T140: IP65

(water-jet and dust tight protection)

T50: IP54

Weight T50: 130 g

Weight T100/T120/T140: 180 g

Two year warranty

### Included Accessories

Two 1.5V batteries and instruction sheet

### Ordering Information

Fluke T50 Voltage/Continuity Tester

Fluke T100 Voltage/Continuity Tester

Fluke T120 Voltage/Continuity Tester

Fluke T140 Voltage/Continuity Tester

UK versions are compliant with GS38

### Recommended Accessories



C23  
(T50)



C33  
(T100 Series)

Fluke. Keeping your world up and running.



**S J ELECTRONICS**  
POWER • TEST & MEASUREMENT

**0800 583 44 55**

Tel: +44 1536 416 200

Fax: 0800 583 55 66

sales@sjelectronics.co.uk

www.sjelectronics.co.uk