



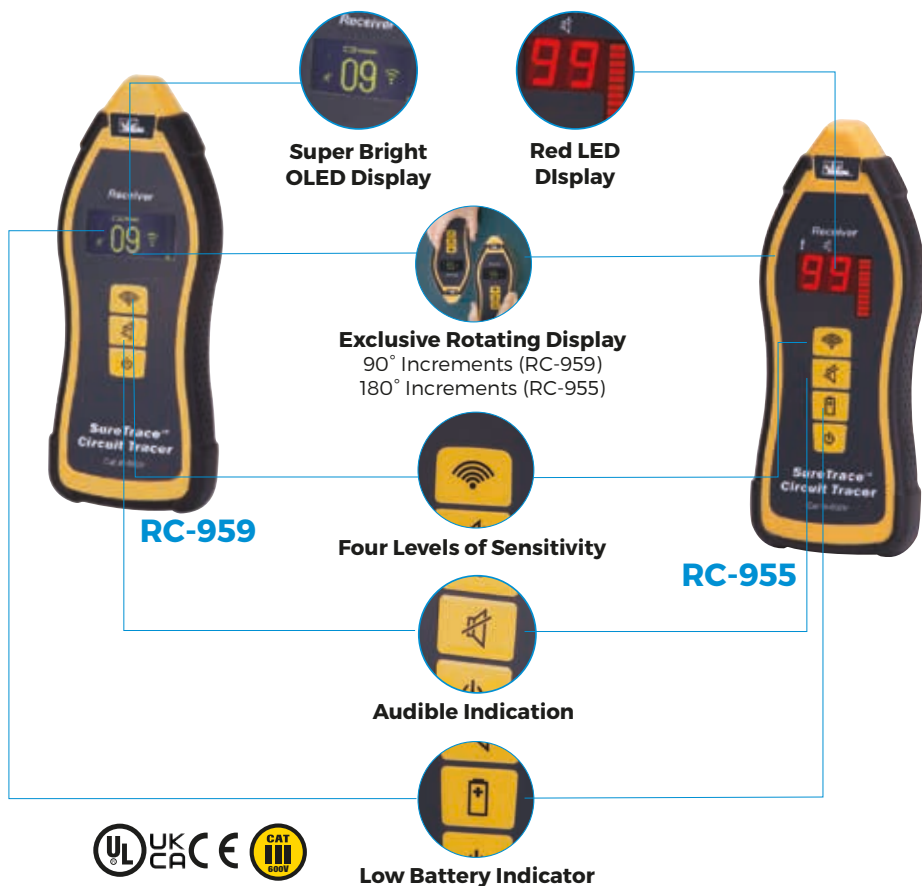
TEST & MEASUREMENT

TEST & MEASUREMENT SOLUTIONS



idealind.com

Circuit Tracer Receiver Features



Finds Opens



Finds Conductors in Walls, Ceilings and Floors



Finds Dead Shorts

Circuit Tracer Transmitter Features



CertainCircuit™
(TR-955)



Energised



De-energised



TR-955

CertainCircuit™

After the correct breaker has been identified and tripped, the transmitter senses the loss of power and sends a different signal back to the receiver at the panel to give the user confidence that the right circuit has been de-energised.

**Inductive Clamp
for when direct
contact with
alligator clips is not
possible**

**Traces de-energised
circuits**



**Inductive Clamp
& Battery Pack**

(For use on circuits carrying
up to 120V AC w/less than
5 Amps)

IC-958 | BP-958



Cradle

(For use on RC-955
& RC-959 Receivers)

CR-959



Tracer Test Lead Set
TL-958UK | TL-958EU

1. 3 Ft. Lead Adapter for Transmitter (set of 2)
2. 25 ft. Lead Adapter for Transmitter
3. Alligator Clips (set of 2)
4. Blade Prongs
5. Outlet Plug Adapter for Transmitter (EU or UK plug)

Circuit Tracer Kit Options and Parts

KIT OPTIONS			
	Receiver with Super-Bright OLED Rotating Display (90° increments), inductive clamp & battery pack	Receiver with Super-Bright OLED Rotating Display 90° increments)	Receiver with Rotating Red LED Display (180° increments)
KIT OPTIONS	61-959	61-957	61-955
RC-959 Receiver with Super-Bright OLED Display 	✓	✓	—
RC-955 Receiver with Red LED Display 	—	—	✓
TR-955 Transmitter Rated for Use on Circuits from 0 to 600V AC/DC 	✓	✓	✓
IC-958 BP-958 Inductive Clamp & Battery Pack 0 to 120V circuits carrying <5 Amps. 	✓	—	—
TL-958UK TL-958EU Test Lead Set (UK or EU plug) 	✓	✓	✓
CR-959 Cradle for RC-959 and RC-955 Receivers 	Sold Separately	Sold Separately	Sold Separately

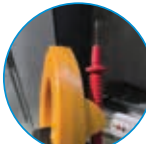
Clamp Meter Features




Non-Contact Voltage Tester



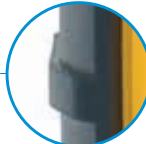
Flashlight



Built-In Probe Tip Holder



Universal Magnetic Strap Clip



Overmoulded Industrial Grip
2M Drop (model specific)



Backlit Displays

Patented TightSight™ Backlit Display
eliminates need to bend or twist conductors or place your head near or in the panel and allows you to easily read the bottom display when taking all measurements.

61-757 | 61-747







Fork Meter Features



**Non-Contact
Voltage Indication**
Built in Clamp Tip



**0.75 in. (19mm)
Jaw Opening**



**Flashlight/
Backlight**



**Probe Storage
& Lead Holders**



Delta



Max.



Patented TightSight™ Backlit Display eliminates need to bend or twist conductors or place your head near or in the panel and allows you to easily read the bottom display when taking measurements



TightSight® Clamp Meters



61-775
1000A AC/DC
Clamp Meter
TightSight™
w/Backlight
CAT IV 600V
CAT III 1000V



61-765
660A AC
Clamp Meter
TightSight™
w/Backlight
CAT IV 600V
CAT III 1000V



61-757
600A AC/DC
Clamp Meter
TightSight™
w/Backlight
& Flashlight
CAT IV 600V
CAT III 1000V



61-747
400A AC/DC
Clamp Meter
TightSight™
w/Backlight
& Flashlight
CAT III 600V



61-415
200A AC/DC
Split Jaw Meter
TightSight™
w/Backlight
& Flashlight
CAT IV 600V
CAT III 1000V

Conventional Clamp Meters/Accessories



61-737
400A AC Clamp
Meter 4000 Count
w/Backlight
CAT III 600V



61-744
400A AC Clamp
Meter 4000 Count
You
CAT III 600V



61-405
200A AC Split
Jaw Meter
w/Backlight &
Flashlight
CAT III 600V



TL-757
Test Leads
w/Alligator Clips



UMHS-757
Universal Magnetic
Hanging Strap

FEATURES	61-775	61-765	61-757	61-747
CAT Rating (Safety)	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 600V
Listing	cULs, CE, RCM	cULs, CE, RCM	cULs, CE, RCM	cULs, CE, RCM
Drop Protection			6.6 ft. (2m)	6.6 ft. (2 m)
Clamp/Jaw Opening	2.0 in. (50.8mm)	1.5 in. (38mm)	1.4 in. (35.5mm)	1.4 in. (35.5mm)
AC Voltage (Volts)	750V	750V	1000V	600V
DC Voltage (Volts)	750V	750V	1000V	600V
AC Current (Amps)	1000A	660A	600A	400A
DC Current (Amps)	1000A	660A	600A	400A
Ohms (Resistance)	999.9Ω	999.9Ω	60MΩ	40MΩ
AC Millivolts	—	—	6000	4000
DC Millivolts	—	—	6000	4000
True RMS	✓	✓	✓	✓
High Voltage Alarm	✓	✓	ACV/DCV>30V	ACV/DCV>30V
Audible Continuity	✓	✓	✓	✓
Visual Continuity	✓	✓	✓	✓
Backlight	✓	✓	✓	✓
Temperature	—	—	-40°F ~ 1832°F -40°C ~ 1000°C	-40°F ~ 1832°F -40°C ~ 1000°C
Low Impedance (LoZ)	—	—	✓	—
NCV	NA	NA	40-600V	40-600V
Auto Ranging	✓	✓	✓	✓
Range Hold	NA	NA	✓	✓
Data Hold	✓	✓	✓	✓
Relative	✓	✓	✓	✓
Diode Test	NA	NA	✓	✓
Capacitance Test	✓	✓	6.000mF	4.000mF
Frequency/Duty Cycle	✓	✓	10Hz-9.999KHz	10Hz-9.999KHz
Max / Min	✓	✓	✓	✓
Magnetic Strap Mount	NA	NA	✓	✓
Test Probe Holder	NA	NA	✓	✓
Flashlight	NA	NA	✓	✓
Auto-Power Off (APO)	✓	✓	✓	✓
APO Disable	✓	✓	✓	✓
Low Battery Indication	✓	✓	✓	✓
Battery Type	1 x 9 Volt	1 x 9 Volt	3 x 1.5V AAA	3 x 1.5V AAA
Bottom LCD Display	✓	✓	✓	✓
LCD Display Count	9999	9999	6000	4000
Warranty	2-Year*	2-Year*	2-Year*	2-Year*
Leads & Alligator Clips	TL-757	TL-757	TL-757	TL-757

* Visit www.idealind.com for full warranty information. Specifications are subject to change without notice.

FEATURES	61-737	61-744	61-415	61-405
CAT Rating (Safety)	CAT III 600V	CAT III 600V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V
Listing	cULs, CE, RCM	cULs, CE, RCM	cULs, CE, RCM	cULs, CE, RCM
Drop Protection	3.3 ft. (1m)		6.6 ft. (2m)	6.6 ft. (2m)
Clamp/Jaw Opening	1.4 in. (35.5mm)	1.45 in. (36.5mm)	0.75 in. (19mm)	0.75 in. (19mm)
AC Voltage (Volts)	600V	600V	1000V	1000V
DC Voltage (Volts)	600V	600V	1000V	1000V
AC Current (Amps)	400A	600A	200A	200A
DC Current (Amps)	—	—	200A	—
Ohms (Resistance)	40M Ω	40M Ω	60M Ω	60M Ω
AC Millivolts	4000	NA	✓	✓
DC Millivolts	4000	NA	✓	✓
True RMS	✓	No	✓	✓
High Voltage Alarm	ACV/DCV>30V	NA	ACV/DCV>30V	ACV/DCV>30V
Audible Continuity	✓	✓	✓	✓
Visual Continuity	✓	NA	✓	✓
Backlight	✓	NA	✓	✓
Temperature	-40°F ~ 1832°F -40°C ~ 1000°C	NA	—	—
Low Impedance (LoZ)	—	NA	—	—
NCV	40-600V	70-600V	40-600V	40-600V
Auto Ranging	✓	✓	✓	✓
Range Hold	✓	✓	✓	✓
Data Hold	✓	✓	✓	✓
Relative	✓	NA	✓	✓
Diode Test	✓	NA	✓	✓
Capacitance Test	400.0 μ F	NA	6.000mF	6.000mF
Frequency / Duty Cycle	10Hz-9.999KHz	NA	—	—
Max / Min	✓	NA	✓	✓
Magnetic Strap Mount	✓	NA	✓	✓
Test Probe Holder	✓	NA	✓	✓
Flashlight	—	NA	✓	✓
Auto-Power Off (APO)	✓	✓	✓	✓
APO Disable	—	NA	✓	✓
Low Battery Indication	✓	✓	✓	✓
Battery TYPe	3 x 1.5V AAA	2 x 1.5V AAA	2 x 1.5V AAA	2 x 1.5V AAA
Bottom LCD Display	—	NA	✓	—
LCD Display Count	4000	4000	6000	6000
Warranty	2-Year*	2-Year*	2-Year*	2-Year*
Lead & Alligator Clips	Included	Leads only	Included	Included

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Digital Multimeter Features



Digital Multimeters

FEATURES	61-357	61-347	61-337	61-327
CAT Rating (Safety)	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 600V	CAT III 600V
Listing	cULs, CE, RCM	cULs, CE, RCM	cULs, CE, RCM	cULs, CE, RCM
Drop Protection	6.6 ft. (2m)	6.6 ft. (2m)	3.3 ft. (1m)	3.3 ft. (1m)
Ingress Protection	IP52	IP52	—	—
AC Voltage (Volts)	1000V	1000V	600V	600V
DC Voltage (Volts)	1000V	1000V	600V	600V
AC Current (Amps)	10A	10A	10A	—
DC Current (Amps)	10A	10A	10A	—
Ohms (Resistance)	60M Ω	60M Ω	40M Ω	4M Ω
AC Millivolts	6000	6000	4000	—
DC Millivolts	6000	6000	4000	4000
AC Milliamps	6000	6000	4000	—
DC Milliamps	6000	6000	4000	—
AC Microamps	6000	6000	4000	—
DC Microamps	6000	6000	4000	—
True RMS	✓	✓	—	—
High Voltage Alarm	ACV/DCV >30V	ACV/DCV >30V	ACV/DCV >30V	ACV/DCV >30V
Audible Continuity	✓	✓	✓	✓
Visual Continuity	✓	✓	✓	✓
Backlight	✓	✓	✓	✓
Temperature	-40 ~ 1832°F -40 ~ 1000°C	-40 ~ 1832°F -40 ~ 1000°C	-40 ~ 1832°F -40 ~ 1000°C	—
Low Impedance (LoZ)	✓	—	—	—
NCV	✓	✓	✓	—
Auto Ranging	✓	✓	✓	—
Range Hold	✓	✓	✓	—
Data Hold	✓	✓	✓	✓
Diode Test	✓	✓	✓	✓
Capacitance Test	6000 μ F	6000 μ F	4000 μ F	—
Frequency / Duty Cycle	10Hz - 9.99 KHz	10Hz - 9.99 KHz	10Hz - 9.99 KHz	10Hz - 9.99 KHz
Max / Min	✓	✓	✓	—
Magnetic Strap Mount	✓	✓	✓	✓
Test Probe Holder	✓	✓	✓	✓
Auto-Power Off	✓	✓	✓	✓
APO Disable	✓	✓	✓	✓
Low Battery Indication	✓	✓	✓	✓
Battery Type (Included)	3 x 1.5V AAA	3 x 1.5V AAA	3 x 1.5V AAA	3 x 1.5V AAA
LCD Display Count	6000	6000	4000	4000
Lead Warning	✓	✓	✓	—
Fuse Notification	✓	✓	✓	—
Bar Graph	✓	—	—	—
Battery Test	—	—	—	✓
Warranty	2-Year*	2-Year*	2-Year*	2-Year*
Thermocouple (included)	TC-757	TC-757	TC-757	TC-757
Leads, Case & Temp Sensor	Included	Included	Included	Leads only

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Voltage Tester Features



GFCI Test
only applicable to the US market



VOLTAGE TESTER SELECTION GUIDE



Voltage & Continuity
Tester w/LCD, GFCI***,
Flashlight & NCVT
CAT IV 600V



8 Level AC/DC
Voltage Indicator
w/ Polarity Indicator
CAT III 600V

FEATURES	61-557	61-547
CAT Rating (Safety)	CAT IV 600V	CAT III 600V
Listing Preferred	cULs, CE	cULs, CE
Drop Protection	6.6 ft. (2m)	6.6 ft. (2m)
Ingress Protection	IP42	IP42
AC Voltage (Volts)	6 ~ 600	24 ~ 600
DC Voltage (Volts)	6 ~ 600	24 ~ 600
High Voltage Alarm	ACV >36 or DCV >50V	ACV/DCV $\geq$ 36V
Audible Continuity	✓	—
Visual Continuity	✓	—
Backlight	✓	—
Low Impedance (LoZ)	✓	—
NCV	90-600V	—
Auto Ranging	✓	—
Magnetic Strap Mount	✓	✓
Test Probe Holder	✓	✓
Flashlight	✓	—
Auto-Power Off (APO)	✓	—
Low Battery Indicator	✓	—
Battery Type	3 x 1.5V AAA	—
LCD Display Count	600	—
Backlight	✓	—
DC Polarity Indication	✓	—
Leads	Removable	Fixed
GFCI Test***	✓	—
Display	LCD	Neon Lamps
Warranty	2-Year*	2-Year*
Test Leads	TL-757	
Magnetic Hanging Strap**	UMHS-757	UMHS-757

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** Sold separately. *** American applications only.



Vol-Con® Elite Digital Voltage Tester

- Tests for AC Voltage from 24-600VAC
- Tests for DC Voltage from 6-220VDC
- Visual and audible warning
- Audible continuity
- Non-contact voltage indication (40-600VAC)
- Low impedance to eliminate ghost voltages
- Low battery indicator
- Replaceable GS38 compliant test leads
- Integral lead storage
- 2-year warranty



Description	Cat. No.
Vol-Con® Elite Digital Voltage Tester	61-090EU



Accessories

Includes	
GS38 Compliant Test Leads	TL-102EU

Digital Light Meter

- Auto or manual ranging
- Measures in four ranges up to 20,000 FC or 200,000 Lux
- +/- 3% basic accuracy
- Data hold mode
- Max. reading mode
- Auto zero adjustment
- Low battery indication
- Auto power off
- Remote sensor with 59 in. (1.5m) cable
- Includes carrying case



Description	Cat. No.
Digital Light Meter	61-686



Non-Contact Voltage Testers



61-657
Dual Range
12 to 1000V AC
NCVT w/Flashlight
CAT IV 1000V



61-647
Single Range
50 to 1000V AC
NCVT w/Flashlight
CAT IV 1000



61-637
Single Range
24 to 600V AC
NCVT w/Flashlight
CAT IV 600



61-627
Single Range
50 to 600V AC
NCVT
CAT IV 600V



FEATURES	61-657	61-647	61-637	61-627
CAT Rating (Safety)	CAT IV 1000V	CAT IV 1000V	CAT IV 600V	CAT IV 600V
Listing	cULs, CE, RCM	cULs, CE, RCM	cULs, CE, RCM	cULs, CE, RCM
Voltage Sensing Range	12 ~ 1000V AC	50 ~ 1000V AC	24 ~ 600V AC	50 ~ 600V AC
Dual Range	✓	—	—	—
Flashlight	✓	✓	✓	—
Drop Protection	6.6 ft. (2m)	6.6 ft. (2m)	3.3 ft. (1m)	3.3 ft. (1m)
Ingress Protection	IP67	IP67	—	—
Dual Range Sensitivity	✓	—	—	—
Audible Indication	✓	✓	✓	✓
Audible Defeat	✓	✓	✓	—
Visual Indication	Green On, Flashing Red	Green On, Flashing Red	Green On, Flashing Red	Green On, Flashing Red
Visual Range Indicator	Blue Low, Red High	—	—	—
Lanyard Compatible	✓	✓	✓	✓
Auto-Power Off (APO)	✓	✓	✓	✓
Low Battery Indication	✓	✓	✓	✓
Battery Type	2 x 1.5V AAA	2 x 1.5V AAA	2 x 1.5V AAA	2 x 1.5V AAA
Warranty	2-Year*	2-Year*	2-Year*	2-Year*

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Infrared Thermometers



61-847
Dual Laser Targeting
12:1 Infrared Thermometer



61-827
Single Laser Targeting
10:1 Infrared Thermometer



FEATURES	61-847	61-827
Certification	CLASS 2, IEC 60825-1:2014	CLASS 2, IEC 60825-1:2014
Wavelength	630nm-670nm	630nm-670nm
Output	< 1mW	< 1mW
Listing	cULs, CE	cULs, CE
Drop Protection	6.6 ft. (2m)	3.3 ft. (1m)
Optical Resolution (distance-to-spot)	12 : 1	10 : 1
Measurement Range	-26° to 932°F (-32° to 500°C)	-4° to 752°F (-20° to 400°C)
Laser Targeting	Dual	Single
Auto Scan	✓	—
Max/Min/Avg/Diff	✓	—
High/Low Alarm	✓	—
Data Hold	✓	✓
Lock-on (for continuous measurements)	✓	—
Emissivity	0.10 - 1.00 Adjustable	0.95 Fixed
Backlit Display	✓	✓
Display	LCD	LCD
Auto Power-Off	✓	✓
Selectable Celsius / Fahrenheit	✓	✓
Battery Type	2 x 1.5V AAA	2 x 1.5V AAA
Low Battery Indicator	✓	✓
Response Time	250 ms	500 ms
Spectral Response	8 to 14µm	8 to 14µm
Warranty	2-Year*	2-Year*

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