



Southwire®

15190T

# DATA LOGGING MULTIMETER

Southwire's new Bluetooth® enabled 15190T MaintenancePRO™ multi-meter and MApp™ mobile app are taking test and measurement to a whole new level. When used together, this system provides one of the safest and most convenient ways for electrical professionals to get the job done.



Battery state of charge indication

Intuitive menu navigated by function keys

Use as stand-alone unit or pair to cell phone via Bluetooth and MApp™ mobile app

True RMS



Southwire™

TOOLS & EQUIPMENT

[BUILT FOR DURABILITY.  
BUILT FOR RELIABILITY.  
BUILT FOR WORK.]

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(855-798-6657)



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## Features

- **Datalogging** – Equipped with on-board memory
- **Color Screen** – High contrast graphical display
- **Intuitive Menu** – Recordings and meter settings
- **Rechargeable Battery** – State of charge indicator
- **Bluetooth® Enabled** – Connect to MApp™ mobile app

## Benefits

- **Increased Safety** – Step away from job hazards and read meter via MApp™ mobile app
- **Improved Efficiency** – Email results to other experts worldwide with the press of a button
- **Job Validation** – Attach notes, pictures, and GPS location to fully document a single reading or an entire job

## Includes

- 15190T Data Logging Multimeter
- Rechargeable Li-ion Battery
- Battery Charger
- Canvas Bag
- Test Leads
- Temperature Probe and Socket
- Magnetic Hanging Strap



## Specifications

FUNCTION	RANGE	RESOLUTION	ACCURACY ±(% OF READING + DIGITS)
AC VOLTAGE	500mV	0.01mV	±(0.5% + 5) @ 50/60Hz
	5V	0.1mV	
	50V	1mV	
	500V	10mV	
	1000V	0.1V	
DC VOLTAGE	500mV	0.01mV	±(0.1% + 5)
	5V	0.1mV	±(0.5% + 5)
	50V	1mV	
	500V	10mV	
	1000V	0.1V	
AC + DC VOLTAGE	5V	0.1mV	±(1.2% + 20) < 1kHz
	50V	1mV	
	500V	10mV	
	1000V	0.1V	
AC CURRENT	500µA	0.01µA	±(0.8% + 5) < 1kHz
	5000µA	0.1µA	
	50mA	1µA	
	500mA	10µA	
	10A	1mA	
DC CURRENT	500µA	0.01µA	±(0.2% + 5)
	5000µA	0.1µA	
	50mA	1µA	±(0.3% + 8)
	500mA	10µA	
	10A	1mA	
RESISTANCE	500Ω	0.01Ω	±(0.2% + 10)
	5kΩ	0.1Ω	
	50kΩ	1Ω	±(0.2% + 5)
	500kΩ	10Ω	
	5MΩ	100Ω	
	50MΩ	1kΩ	
	CONTINUITY	Audible Beeper < 30Ω	
DIODE TEST	Test current of 0.9mA max., open circuit voltage 3.2V DC typical		
CAPACITANCE	5nF	1pF	± (1.5% + 20)
	50nF	10pF	± (1.5% + 8)
	500nF	100pF	± (1.0% + 8)
	5µF	0.001µF	± (1.5% + 8)
	50µF	0.01µF	± (1.0% + 8)
	500µF	0.1µF	± (1.5% + 8)
	5000µF	1.0µF	± (2.5% + 20)
FREQUENCY	50Hz	0.001Hz	± (0.01% + 5)
	500Hz	0.01Hz	
	5kHz	0.1Hz	
	50kHz	1Hz	
	500kHz	10Hz	
	5MHz	100Hz	
	10MHz	1kHz	Unspecified
DUTY CYCLE	0.1 to 99.90%	0.01%	± (1.2% + 2)
TEMPERATURE (TYPE-K)	-328 to 2462°F	0.1°F	± (1.0% + 5.4°F)
	-200 to 1350°C	0.1°C	± (1.0% + 3.0°C)

