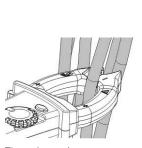
Keysight U1190 Series Clamp Meters



- 1. Unique wire separator to separate and clamp wires in a bundle
- 2. Data Hold, Min or Max recording
- 3. LCD display with maximum reading of 6,000 counts
- 4. Display backlight/built-in LED flashlight 1
- 5. DCV, ACV, DCA₂, ACA and frequency ₁ measurement capabilities
- 6. Resistance/Continuity measurements
- 7. Capacitance 1/Diode test measurements
- 8. Vsense performs non-contact voltage detection 1
- 1. Only for U1192A, U1193A and U1194A.
- 2. Only for U1194A.



The unique wire separator allows you to easily separate and measure a desired wire in a bundle.



The built-in flashlight provides illumination to the test area.

With the U1190 Series handheld clamp meters that are designed to help you work safer; it's time to retool your expectations on Keysight's handhelds.

Keysight Technologies, Inc. U1190 series clamp meters are packed with a wealth of features to help you work more efficiently and more safely. Housed in robust cases, each model comes with an innovative wire separator that helps you isolate and measure individual wires in a bundle. The built-in LED flashlight illuminates your test area and Vsense performs non-contact voltage detection. The clamp meters are also certified with both CAT III 600 V and CAT IV 300 V ratings to cover wider measurement categories.

Features

- Unique wire separator separates wires from a bundle
- Vsense performs non-contact voltage detection ¹
- Built-in LED flashlight illuminates test area
- Current measurement up to 600 A $^{\rm 2}$
- Digital multimeter (DMM) with Resistance,
 Capacitance ¹, DCV, ACV, DCμA ³, ACμA ³, Continuity and Diode test measurements
- CAT III 600 V / CAT IV 300 V safety rating
- 1. Only for U1192A, U1193A and U1194A.
- 2. Only for U1193A and U1194A.
- 3. Only for U1194A.



Key Specifications

	U1191A	U1192A	U1193A	U1194A				
Basic features								
Counts	6,000	6,000	6,000	6,000				
RMS method	Average responding	Average responding	True RMS	True RMS				
Measurement range								
DC voltage	600 V	60 to 600 V	60 to 600 V	60 to 600 V				
AC voltage	600 V	60 to 600 V	60 to 600 V	60 to 600 V				
DC current	-	-	-	60 to 600 A				
DC μA current	-	-	-	60 to 600 μA				
AC current	400 A	60 to 400 A	60 to 600 A	60 to 600 A				
AC μA current	_	-	-	60 to 600 μA				
Resistance	600 Ω to 6 kΩ	600Ω to 60 k Ω	$600~\Omega$ to 60 $k\Omega$	600Ω to 60 kΩ				
Capacitance	-	600 μF to 6 mF	600 μF to 6 mF	600 μF to 6 mF				
Diode	1.5 V	1.5 V	1.5 V	1.5 V				
Continuity	600 Ω	600 Ω	600 Ω	600 Ω				
Temperature	-	-	-	K-type: -40 to 1200 °C				
Frequency	-	99.99 Hz to 99.99 kHz	99.99 Hz to 99.99 kHz	99.99 Hz to 99.99 kHz				
Data management								
Data hold	Yes	Yes	Yes	Yes				
Null	Yes	Yes	Yes	Yes				
MAX/MIN/AVG	Yes	Yes	Yes	Yes				
Auto/Range	Yes	Yes	Yes	Yes				
Other features								
Built-in LED flashlight	-	Yes	Yes	Yes				
Vsense	-	Yes	Yes	Yes				
Auto power OFF	Yes	Yes	Yes	Yes				

Key Specifications (continued)

	U1191A	U1192A	U1193A	U1194A			
Safety and regulatory							
Over-voltage safety protection	CAT III 600 V / CAT IV 300 V						
EN/IEC 61010-1, CE, CSA compliance	Yes	Yes	Yes	Yes			
General							
Operating temperature	–10 to 50 °C, 0 to 80% RH						
Battery (included)	1.5 V	1.5 V	1.5 V	1.5 V			
Battery life	200 hours	200 hours	200 hours	200 hours			
Warranty	3 years	3 years	3 years	3 years			
Dimensions (H x W x D)	225.0 x 77.1 x 38.6 mm	225.0 x 77.1 x 38.6 mm	238.0 x 77.1 x 38.6 mm	238.0 x 77.1 x 38.6 mm			
Clamp opening	31 mm	31 mm	37 mm	37 mm			
Clamping diameter	27 mm	27 mm	35 mm	35 mm			

Recommended accessories



U1178ASoft carrying case



U1164AFine tip test probes



U1162A Alligator clips

Standard shipped accessories

Standard shipped items include Certificate of Calibration (CoC), Quick Start Guide, K-type thermocouple (only for U1194A), test leads with 4-mm tips, 2 x 1.5 V alkaline batteries, and soft carrying case.



Three-Year Warranty

www.keysight.com/find/ThreeYearWarranty

Keysight's commitment to superior product quality and lower total cost of ownership. The only test and measurement company with three-year warranty standard on all instruments, worldwide.



Keysight Assurance Plans

www.key sight.com/find/Assurance Plans

Up to five years of protection and no budgetary surprises to ensure your instruments are operating to specification so you can rely on accurate measurements.

