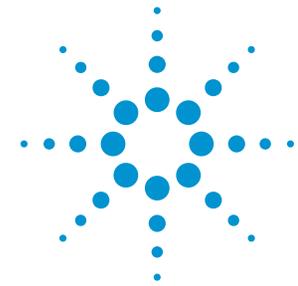


Agilent U1210 Series Handheld Clamp Meters

Perform High-Current Measurements for Cables Up to Two Inches in Diameter



1. Capacitance/diode measurement
2. Temperature and audible continuity functions
3. High current measurement capability of up to 1000 A for AC, DC or AC+DC
4. Peak hold function for in-rush current testing
5. Large jaw opening of two inches for thick current sources testing
6. Max or min recording capability
7. Large LCD display with maximum reading of 4500 counts
8. Manual or auto ranging capability



Experience smooth sailing measurements even in a distance

- Remote monitor and data log current measurements in real time
- Measures current in a distance within 10 metres range
- Compatible with Android OS platform smartphones, tablets and Windows-based PC
- Compatible with the U1177A Infrared (IR)-to-Bluetooth® Adapter



Measure current easily, accurately, and safely

- Clamp opening of 52 mm (two inches) for thick cables
- High current measurement capability of up to 1000 A (AC, DC, AC+DC)
- CAT III 1000 V/CAT IV 600 V safety rating



Perform troubleshooting easily with full-featured digital multimeter functions

- Wide measurement ranges to cater to a broad range of applications (ACA, DCV, ACV, OHM, audible continuity, diode, and frequency tests)
- Auto-ranging capability
- Built-in peak hold for in-rush current measurement
- Temperature and capacitance measurement capability
- Large backlight display



Quick Fact Sheet

Take a closer look

	U1211A	U1212A	U1213A
Basic features			
Display	Dual	Dual	Dual
Counts	4500	4500	4500
Bar-graph	12 segments	12 segments	12 segments
True RMS	AC	AC	AC + DC
Measurements			
DCV	0.1 V to 1000 V (0.5%)	0.1 V to 1000 V (0.5%)	1 mV to 1000 V (0.2%)
ACV	0.1 V to 1000 V (1.0%)	0.1 V to 1000 V (1.0%)	1 mV to 1000 V (1.0%)
DCA	-	0.01 A to 1000 A (1.5%)	0.01 A to 1000 A (1.5%)
ACA	0.1 A to 1000 A (1.0%)	0.1 A to 1000 A (2.0%)	0.01 A to 1000 A (2.0%)
Resistance	4 kΩ (0.5%)	4 kΩ (0.5%)	40 MΩ (0.3%)
Capacitance	0.1 μF to 4000 μF (2.0%)	0.1 μF to 4000 μF (2.0%)	1 nF to 4000 μF (1.0%)
Diode	✓	✓	K-type (-200 to 1372 °C)
Temperature	-	K-type (-200 to 1372 °C)	✓
Frequency	✓	✓	✓
Duty cycle	-	-	✓
Data management			
Data hold	✓	✓	✓
Null	✓	✓	✓
Connectivity	✓	✓	✓
MAX/MIN/AVG	✓	✓	✓
Auto/Range	✓	✓	✓

	U1211A	U1212A	U1213A
Other features			
Backlit	✓	✓	✓
Peak hold	✓	✓	✓
Auto power OFF	✓	✓	✓
Safety and regulatory			
Over-voltage safety protection	CAT-IV 600 V, CAT-III 1000 V	CAT-IV 600 V, CAT-III 1000 V	CAT-IV 600 V, CAT-III 1000 V
EN/IEC 61010-1, CE, CSA compliance	✓	✓	✓

Accuracy information shown in brackets is the best accuracy throughout the range.

Each handheld clamp meter is shipped with

- Test leads with 4 mm tips
- Standard 9 V battery
- Quick Start Guide
- Carrying case

Recommended service options

Additional two years of Return-to-Agilent warranty
 Additional two years of Return-to-Agilent calibrations
 For more information go to www.agilent.com/find/removealldoubt

Recommended accessories



U1168A standard test lead kit



U1180A thermocouple adapter/lead kit



U1175A carrying case



U1177A infrared (IR)-to-bluetooth adapter

For full listing of accessories compatible with U1210 Series, visit www.agilent.com/find/clampmeter

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