

Keysight U1280 Series Handheld Digital Multimeters

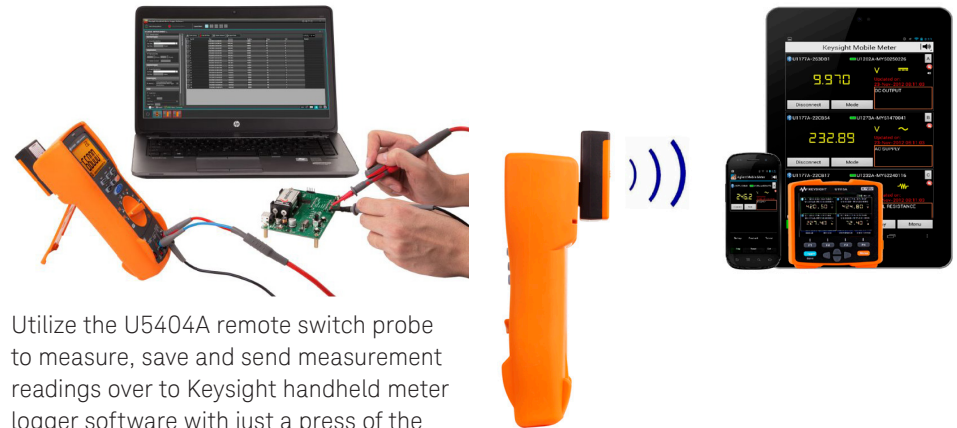
Trustworthy measurements in the palm of your hand!

Gain the confidence to achieve trustworthy measurements thanks to the precision, accuracy and repeatability of the Keysight U1280 Series handheld digital multimeters. Get the precise measurements you'd need with 60,000-count dual display and 0.025% accuracy. With the handheld meter logger software, swiftly capture individual measurements, generate reports and log trends with the touch of the button. Plus, with up to 800 hours of battery life, you can count on your DMM to perform when you need it.



Key features

- Basic DCV accuracy of 0.025%
- Longer battery life up to 800 hours
- Tested to withstand a 3-meter (10-ft) drop
- With Keysight Remote Link solution, add on U1117A infrared (IR)- to-Bluetooth adapter (optional accessory) to get instant wireless Bluetooth connection
- 2 years calibration cycle



Utilize the U5404A remote switch probe to measure, save and send measurement readings over to Keysight handheld meter logger software with just a press of the button.

U1280 Series is compatible with Keysight Remote Link solution to safely measure, view and log test measurements.

Product description

Part number	U1281A	U1282A	
Basic features			
Display resolution	60,000	60,000	
Auto/manual ranging	Yes	Yes	
Analog bar graph	Yes	Yes	
Backlight	Yes	Yes	
AC bandwidth	100 kHz	100 kHz	
True RMS	AC + DC	AC + DC	
Measurements			
Voltage DC	Range	60 mV to 1000 V	60 mV to 1000 V
	Accuracy	0.025% + 5 cnts	0.025% + 5 cnts
Voltage AC	Range	60 mV to 1000 V	60 mV to 1000 V
	Accuracy	0.3% + 25 cnts	0.3% + 25 cnts
Current DC	Range	600 μ A to 10 A	600 μ A to 10 A
	Accuracy	0.05% + 5 cnts	0.05% + 5 cnts
Current AC	Range	600 μ A to 10 A	600 μ A to 10 A
	Accuracy	0.6% + 25 cnts	0.6% + 25 cnts
Resistance	Range	600 Ω to 60 M Ω	60 Ω to 600 M Ω
	Accuracy	0.05% + 2 cnts	0.05% + 2 cnts
Frequency	Range	99.999 Hz to 9.9999 MHz	99.999 Hz to 9.9999 MHz
	Accuracy	0.005% + 3 cnts	0.005% + 3 cnts
Capacitance	Range	10 nF to 100 mF	10 nF to 100 mF
	Accuracy	1% + 5 cnts	1% + 5 cnts
Temperature (K-type thermocouple)	Range	-200 °C to 1372 °C	-200 °C to 1372 °C
	Accuracy	1% + 1 °C	1% + 1 °C
Continuity with beeper	Yes	Yes	
Diode test	Yes	Yes	
Data management			
Min/Max recording	Yes	Yes	
Display hold	Yes	Yes	
Auto hold	Yes	Yes	
Null	Yes	Yes	
PC-connectivity	Infrared (IR)-USB; IR-Bluetooth (optional with U1117A)	Infrared (IR)-USB; IR-Bluetooth (optional with U1117A)	
Special features			
Square wave output		Yes	
Vsense: Non-contact voltage detect		Yes	
Frequency counter		Yes	
Low pass filter		Yes	

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Unlocking Measurement Insights

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Product description (Continued)

Part number	U1281A	U1282A
Safety and regulatory		
Over-voltage safety protection	CAT III 1000 V / CAT IV 600 V	CAT III 1000 V / CAT IV 600 V
EN/IEC 61010-2-030: 2010 compliance	Yes	Yes
EN/IEC 61010-1: 2010 compliance	Yes	Yes
General		
Operating temperature	-20 °C to 55 °C	-20 °C to 55 °C
	0% to 80% R.H.	0% to 80% R.H.
Battery (included)	4 x 1.5 V AA	4 x 1.5 V AA
Battery life	800 hours	800 hours
Warranty	3-year	3-year
Calibration	One year, or; Two years (with 1.5 times of one year specification)	One year, or; Two years (with 1.5 times of one year specification)
Dimensions (H x W x D)	218 x 96 x 59 mm	218 x 96 x 59 mm

Recommended accessories

Part number	Description
U5404	Remote switch probe for U1280 Series handheld digital multimeters
U1595A	Rugged carrying case for handheld digital multimeters
U1594A	Hard carrying case
U1171A	Magnetic hanging kit
U1176A	LED flash light

Standard shipped accessories

- Test leads (red and black)
- U1173B infrared (IR)-to-USB cable
- Four AAA batteries
- Quick start guide
- Certificate of calibration



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.keysight.com/find/AssurancePlans

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.



Recommended software

Keysight handheld meter logger software. Download for FREE now, visit:

www.keysight.com/find/hhmeterlogger

For more information, go to:

www.keysight.com/find/U1282A

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