

## Handheld Digital Multimeters

Rich features and robust design for real-world conditions

- Up to 60,000 counts and 0.025% basic DCV accuracy, accurate true-RMS AC measurements and up to 800 hours of battery life (U1280 Series)
- High-contrast OLED display with 160° viewing angle (U1273AX, U1273A, U1253B)
- Re-invented with ergonomic design and dust- and water-resistant with IP 67 (U1240C, U1280 Series), and operating temperature as low as -40 °C (U1273AX)
- CAT III 1000 V and CAT IV 600 V over-voltage protection (U1240, U1240C, U1250, U1270 and U1280 Series)



Recommended for	Model	Counts	Bandwidth	Voltage AC/DC	Current AC/DC	Battery life	Additional features	Additional features	
Electrical, HVAC and utilities	U1231A	6,000	1 kHz	600 mV to 600 V	NA	500 hours	Built-in flashlight, continuity alert with flashing backlight, Z <sub>Low</sub>	N/A	
	U1232A				60 µA to 10 A			V <sub>sense</sub> *	
	U1233A								
Installation and maintenance	U1241B	10,000	2 kHz	1 V to 1000 V	1 mA to 10 A	300 hours	Switch counter	N/A	
	U1242B						Harmonic ratio, dual and differential temperature measurements		
	U1241C		100 mV to 1000 V	400 hours		Built-in LED flashlight	Harmonic ratio, dual and differential temperature measurements, V <sub>sense</sub> *, Z <sub>Low</sub>		
	U1242C								
Electronics troubleshooting	U1251B	50,000	30 kHz	50 mV to 1000 V	500 µA to 10 A	72 hours	NA	N/A	
	U1252B		100 kHz			36 hours	20 MHz frequency counter, programmable square wave generator		
	U1253B					8 hours**			
Industrial	U1271A	30,000	20 kHz	300 mV to 1000 V	300 µA to 10 A	300 hours	Low pass filter High altitude rated (3000 m)	AC and/or DC voltage check	
	U1272A		100 kHz	30 mV to 1000 V				30–60 hours	Low impedance mode, offset compensation
	U1273A/AX								
Electronics troubleshooting	U1281A	60,000	30 kHz	60 mV to 1000 V	600 µA to 10 A	800 hours	N/A		
	U1282A		100 kHz				Frequency counter, square wave output, V <sub>sense</sub> *, low pass filter		

\*V<sub>sense</sub> is a non-contact voltage detector. \*\* Rechargeable.

### The Remote Link solution

Safely measure, view and log test measurements up to 100 meters away from your handheld meter by simply plugging in the U1117A IR-to-Bluetooth adapter. Display results on the U1115A remote logging display or Windows PCs, or iOS/Android-based smart devices.

Only shippable to countries with country type approval, refer to [www.keysight.com/find/hhgowireless](http://www.keysight.com/find/hhgowireless) for more information.

