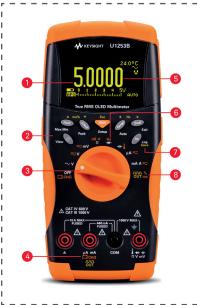
# Keysight U1253B OLED Handheld Digital Multimeter

### Imagine razor-sharp readings



The new OLED HH DMM – now in fresh orange!

- 1. OLED display with 160° viewing angle and 2000:1 contrast ratio for extra clear readings
- 2. SHIFT key and one-stop function keys for easy access
- 3. Broad range of measurement functions, including temperature and capacitance
- 4. Built-in battery charging for optimum capacity
- 5. 50,000 count dual display with true-RMS reading capability
- 6. 20 MHz frequency counter
- 7. Data logging to internal or external memory
- 8. Programmable square wave generator for stimulation of electronic digital circuits

With the world's first OLED handheld DMM, you won't have to squint to ensure that you're reading your measurements right. On the go or on the bench, you'll get crystal-clear viewing indoors, even in dark, off-angle situations. Even though the U1253B is loaded with high-performance features and easy-to-use functions, it's priced to be easy on your pocket, too.

Meet the latest handheld digital multimeters in all-new orange!







U1242B



U1251B



U1252B



U1253B

# Keysight handheld DMMs provide greater protection from:

Overcurrent-or overvoltage-induced damages with 30 kA high energy fuse and CAT III 1000 V/CAT IV 600 V overvoltage protection

CAT III 1000V CAT IV 600V



Arc flash hazards with the specially designed 4-mm tips at no cost with every handheld



Our new HH DMMs in bright orange cases are a vivid reminder that you have an extra layer of protection between you and the unknown.

Turn over to learn more about Keysight Technologies, Inc. handheld DMM family



#### Keysight Handheld Digital Multimeters – ten models and growing!

	U1241B	U1242B	U1251B	U1252B	U1253B		
Basic features	0.2110		0.20.5		0.2002		
Display resolution	10,000 counts	10,000 counts	50,000 counts	50,000 counts	50,000 counts OLED display		
Auto/manual ranging	J	1	1	1	J		
Analog bargraph	√	√	√	1	J		
Backlight	(2-intensities)	(2-intensities)	<b>√</b>	1	OLED		
AC bandwidth	2 kHz	2 kHz	30 kHz	100 kHz	100 kHz		
True RMS	AC	AC	AC	AC+DC	AC+DC		
Measurements							
Voltage AC/DC	1000 V, 0.09%	1000 V, 0.09%	1000 V, 0.03%	1000 V, 0.025%	1000 V, 0.025%		
Current AC/DC	10 A, 0.10%	10 A, 0.10%	10 A, 0.10%	10 A, 0.05%	10 A, 0.05%		
Resistance	100 ΜΩ, 0.30%	100 ΜΩ, 0.30%	50 MΩ, 0.08%	500 ΜΩ, 0.05%	500 MΩ, 0.05%		
Frequency	200 kHz, 0.03%	200 kHz, 0.03%	1 MHz, 0.02%	20 MHz, 0.02%	20 MHz, 0.02%		
Capacitance	10 mF, 1.20%	10 mF, 1.20%	100 mF, 1.00%	100 mF, 1.00%	100 mF, 1.00%		
Temperature	-40°C to +1000°C, 1.00%	-40°C to +1000°C, 1.00%	-200°C to +1372°C, 0.30%	-200°C to +1372°C, 0.30%	-200°C to +1372°C, 0.30%		
Continuity with beeper	1	1	1	1	1		
Diode test	V	√	√	1	√		
Data management							
Min/Max recording	√	√	1	1	J		
Display hold	√	_	<b>√</b>	1	<b>√</b>		
Peak hold	_	_	<b>√</b>	1	<b>√</b>		
Manual datalogging	-	<b>√</b>	<b>√</b>	<b>√</b>	J		
Null	√	<b>√</b>	1	<b>√</b>	J		
PC connectivity			IR-USB	IR-USB	IR-USB		
Other features							
Harmonic ratio	-	√	-	-	_		
Dual temperature	-	√	-	-	_		
% scale of 4-20 mA	√	√	<b>√</b>	<b>√</b>	J		
Square wave generator	-	-	_	J	√		

	U10/1D	1110/0D	U10E1D	HIDEOD	HIDEOD		
	U1241B	U1242B	U1251B	U1252B	U1253B		
Other features							
Battery	4xAAA	4xAAA	9 V	7.2 V (Rechargeable)	7.2 V (Rechargeable)		
Operating temperature	–10°C to 55°C	–10°C to 55°C	-20°C to 55°C	-20°C to 55°C	–20°C to 55°C		
Closed case calibration	√	1	1	1	1		
Safety and regulatory							
Over-voltage safety protection	CAT III 1000V, CAT IV 600V	CAT III 1000V, CAT IV 600V	CAT III 1000V, CAT IV 600V	CAT III 1000V, CAT IV 600V	CAT III 1000V, CAT IV 600V		
CE, CSA compliance	$\sqrt{}$	1	1	1	1		
Standard accessories							
	Standard test leads, certificate of calibration, test report, quick start guide	Standard test leads, certificate of calibration, test report, quick start guide	Standard test leads, alligator clips, certificate of calibration, test report, quick start guide	Standard test leads, alligator clips, battery charger, certificate of calibration, test report, quick start guide	Standard test leads, alligator clips, battery charger, certificate of calibration, test report, quick start guide		

## Best-selling Accessories





U1173A IR-to-USB cable

U1174A Soft carrying case



U1180A Thermocouple adapter/lead kit

