

# Agilent U1240 Series Handheld Digital Multimeters

Check more, fix more, spend less

The U1240 Series — it's everything you need to simplify your installation and maintenance tasks. Now in all-new orange with the latest U1241B and U1242B!

## Get more done faster, thanks to great features!

- High intensity backlighting provides clear readings even in subdued lighting
- Detect intermittents in switches or relays effortlessly with the built-in switch counter
- Determine the presence of harmonics in AC signals with a push of the harmonic ratio function button
- Measure over broad ranges with low current (down to 0.1  $\mu$ A) and high resistance (up to 100 M $\Omega$ ) capabilities



## Strong, solid — built to last

- Overmold body offers constant protection from daily wear and tear
- Industrial standard drop test ensures product robustness
- Able to withstand operating temperature from  $-10$  to  $50$  °C

- 10,000 counts resolution allows better viewing of measurements down to the smallest reading
- True rms capability and low error rate of 0.09 % lets you identify any anomalies in your signals easily
- Internal memory affords you the flexibility to store data on the go
- Get comprehensive temperature measurements easily with dual and differential temperature capabilities




## Agilent handheld DMMs provide greater protection from:



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



Arc flash hazards with the specially designed 4-mm tips, given on top of the 19-mm ones at no cost with every handheld

These handhelds are also certified to stringent industry standards — CE, CSA   

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

## Quick Fact Sheet

### Everything you need to know about the U1240 Series

| Features                              | U1241A/U1241B   | U1242A/U1242B  |
|---------------------------------------|---|--|
| <b>Display Resolution</b>             | 10,000 count dual display   | 10,000 count dual display  |
| True RMS                              | AC  | AC   |
| Basic DCV Accuracy                    | 0.09 %  | 0.09 %   |
| Basic measurement functions           | DCV, DCI, ACV, ACI, $\Omega$ , frequency, capacitance, continuity | DCV, DCI, ACV, ACI, $\Omega$ , frequency, capacitance, continuity          |
| <b>Advanced measurement functions</b> | Temperature, switch counter                                       | Switch counter, harmonic ratio, dual temperature, differential temperature |
| Data Logging                          | No  | Manual 100 saves & Interval 200 saves                                      |
| Min/Max Recording                     | √   | √  |
| Accessories                           | Standard test leads, test report, certificate of calibration      | Standard test leads, test report, certificate of calibration               |
| Battery                               | 4x AAA  | 4x AAA   |
| Safety                                | CAT III 1000 V, CAT IV 600V                                       | CAT III 1000 V, CAT IV 600 V   |
| <b>MSRP</b>                           | \$201   | \$221  |

### Recommended optional accessories

| Part number | Description                          |
|-------------|--------------------------------------|
| U1583B      | Current clamp (400 A)                |
| U1181A      | Immersion temperature probe          |
| U1182A      | Industrial surface temperature probe |
| U1183A      | Air temperature probe                |
| U1184A      | Temperature probe adaptor            |
| U1185A      | Thermocouple (J-type) and adaptor    |
| U1186A      | Thermocouple (K-type) and adaptor    |
| U1162A      | Alligator clips                      |
| U1163A      | SMT grabber                          |
| U1164A      | Fine tip test probes                 |

### Best-selling accessories



U1162A  
Alligator clips



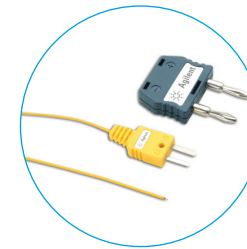
U1583B  
AC current clamp



U1169A  
Test probe leads



U1171A  
Magnetic hanging kit



U1186A K-type  
Thermocouple and adapter



U1174A  
Soft 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](http://www.agilent.com/find/removealldoubt)

For full listing of accessories compatible with U1240 Series, visit [www.agilent.com/find/handheld-tools](http://www.agilent.com/find/handheld-tools)

Product specifications and appearance in this document are subject to change without notice.

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