

## Quick Fact Sheet

# Agilent U1273AX OLED Handheld Digital Multimeter

## Designed to weather any challenge, winter inclusive

When you're called out for maintenance or troubleshooting during winter, your measurement tools should be ready when you are. The U1273AX is an OLED handheld digital multimeter (DMM) capable of operating down to  $-40\text{ }^{\circ}\text{C}$ . Even in frigid conditions, the U1273AX handheld DMM delivers immediate and accurate results without the need to warm up.

With the built in OLED display capability, experience crystal-clear readings at 160 degrees viewing angle when performing measurement tasks in a poorly lit environment. With all these enhanced features, the U1273AX is ready for the extremes—whenever you are.

## Features

- OLED display with 2000:1 contrast ratio and 160 degree viewing angle <sup>(1)</sup>
- 30,000 counts resolution (digit) <sup>(2)</sup>
- 0.05% basic DCV accuracy
- Measure up to 1000 V AC and DC <sup>(3)</sup>
- Measure up to 10 A (20 A for 30 s) <sup>(4)</sup>
- Resistance <sup>(5)</sup>, diode test <sup>(6)</sup>, temperature <sup>(7)</sup>, capacitance, continuity
- Built-in low pass filter <sup>(8)</sup> and low impedance voltage measurement <sup>(9)</sup>
- Down to  $-40\text{ }^{\circ}\text{C}$  operating temperature
- Up to 3000 m operating altitude
- Water and dust resistance (IP 54)
- CAT III 1000 V / CAT IV 600 V
- Bluetooth connectivity (optional U1177A bluetooth adaptor required)



Capable of operating down to  $-40\text{ }^{\circ}\text{C}$  - deliver immediate and accurate results without the need to warm up.



Ensure no downtime at base station, even during cold winter.



Remote metering and logging via bluetooth.

# Quick Fact Sheet

## Product specifications

Features	U1271A	U1272A	U1273A	U1273AX
<b>Basic features</b>				
Display resolution	30,000 counts	30,000 counts	30,000 counts	30,000 counts
Display	LCD	LCD	OLED	OLED
Backlight	Yes	Yes	N/A	N/A
True RMS	AC	AC + DC	AC + DC	AC + DC
<b>Measurement</b>				
Voltage	Up to 1000 V AC, DC	Up to 1000 V AC, DC	Up to 1000 V AC, DC	Up to 1000 V AC, DC
Basic dcV accuracy	0.05% + 2 counts	0.05% + 2 counts	0.05% + 2 counts	0.05% + 2 counts
Current	Up to 10 A (20 A for 30 s)	Up to 10 A (20 A for 30 s)	Up to 10 A (20 A for 30 s)	Up to 10 A (20 A for 30 s)
Resistance	Up to 100 MΩ	Up to 300 MΩ	Up to 300 MΩ	Up to 300 MΩ
Other measurements	Frequency, capacitance, temperature, continuity, diode test	Frequency, capacitance, temperature, continuity, diode test	Frequency, capacitance, temperature, continuity, diode test	Frequency, capacitance, temperature, continuity, diode test
AC bandwidth	20 kHz	100 kHz	100 kHz	100 kHz
Low pass filter	Yes	Yes	Yes	Yes
Low impedance mode	N/A	Yes	Yes	Yes
<b>General</b>				
Logging memory	200 points	10,000 points	10,000 points	10,000 points
Connectivity	Optional IR-USB & Bluetooth	Optional IR-USB & Bluetooth	Optional IR-USB & Bluetooth	Optional IR-USB & Bluetooth
Over-voltage safety protection	CAT III 1000 V, CAT IV 600 V	CAT III 1000 V, CAT IV 600 V	CAT III 1000 V, CAT IV 600 V	CAT III 1000 V, CAT IV 600 V
Water and dust ingress protection	IP 54	IP 54	IP 54	IP 54
Operating temperature	-20 °C to 55 °C	-20 °C to 55 °C	-20 °C to 55 °C	-40 °C to 55 °C
Altitude	3000 meters	3000 meters	3000 meters	3000 meters
Battery life	Up to 300 hours 4X AAA alkaline	Up to 300 hours 4X AAA alkaline	Up to 60 hours 4X AAA alkaline	Up to 100 hours 4X AAA lithium
Warranty	3 years	3 years	3 years	3 years
MSRP	\$346	\$377	\$403	\$450

## Recommended accessories



**U1171A**  
Magnetic hanging kit



**U1174A**  
Soft carrying case



**U1177A**  
Bluetooth adapter



**U1173A**  
IR-USB cable



**U1583B**  
AC current clamp

### Standard shipped accessories

Standard test leads, test probes with 4-mm tips, K-type thermocouple and adaptor, 4 x AAA batteries, Certificate of Calibration, UK 6 (test report), Quick Start Guide

### 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/U1273AX](http://www.agilent.com/find/U1273AX)