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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight U1273A Handheld Digital Multimeter OLED

Agilent Keysight U1273A OLED Handheld Digital Multimeter The Agilent/Keysight U1273A is the OLED-display member of the U1270 Series with 2000:1 contrast and 160 degree viewing angle. OEM tables share U1272A measurement limits including AC+DC true RMS, 100 kHz bandwidth, 300 MOhm resistance, ZLOW/Smart Ohm, and 10000-point logging with CAT III 1000 V / CAT IV 600 V safety. Dim or poorly lit industrial environments needing OLED clarity, VFD and stray-voltage troubleshooting, and logged CAT IV field work. The Agilent/Keysight U1273A is the OLED-display member of the U1270 Series with 2000:1 contrast and 160 degree viewing angle. OEM tables share U1272A measurement limits including AC+DC true RMS, 100 kHz bandwidth, 300 MOhm resistance, ZLOW/Smart Ohm, and 10000-point logging with CAT III 1000 V / CAT IV 600 V safety. Dim or poorly lit industrial environments needing OLED clarity, VFD and stray-voltage troubleshooting, and logged CAT IV field work. Basic DCV Accuracy: 0.05 percent plus 2 counts DC Voltage Accuracy 30 V To 1000 V: 0.05 percent plus 2 counts



MODEL

**Agilent / Keysight
U1273A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

U1273A

LISTING

<https://aumictechlabs.com/products/u1273a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight U1273A is a rugged, handheld digital multimeter designed for demanding industrial applications. It features a 4 ½ digit, 30,000-count OLED display that offers high contrast

and wide viewing angles, even in low-light conditions. The multimeter is IP54 certified, indicating resistance to water and dust, making it suitable for harsh working environments. It operates across a wide temperature range, with specific models (U1273AX) capable of functioning down to -40°C, while others operate to -20°C. The device is safety rated for CAT III 1000V and CAT IV 600V. Technical Specifications Display: 4 ½ digit, 30,000 counts OLED display with high contrast and wide viewing angles (up to 160 degrees) Backlight with auto-dim feature Measurement Functions: DC Voltage: 1000 V, Accuracy: $\pm 0.05\% + 2$ counts AC Voltage (True RMS): 1000 V, Accuracy: $\pm 0.7\% + 20$ counts * AC Voltage Bandwidth: 100 kHz (for U1272A/U1273A) DC Current: 10 A, Accuracy: $\pm 0.3\% + 10$ counts AC Current (True RMS): 10 A, Accuracy: $\pm 1.0\% + 25$ counts Resistance: Supports Smart Ω for offset compensation Capacitance Frequency Continuity detection with audible and visual alerts Diode test Temperature (requires Type-K probe) Low Impedance (ZLOW) mode to eliminate stray voltages Performance and Features: True RMS measurements for AC voltage and current Low Pass Filter (LPF) for troubleshooting Variable Frequency Drives (VFDs) Min/Max recording Peak hold Null/Relative mode Scale mode Data Logging: * Internal memory for data logging * Manual data logging capabilities * Up to 10,000 readings storage * Optional Bluetooth connectivity for data transfer * IR-to-USB for PC connectivity with optional cable (U1173A) and software Auto ranging and manual ranging options APO (Auto Power Off) function with settable timer Environmental: IP54 rated for water and dust resistance Operating Temperature: -20°C to 55°C (U1273A); -40°C to 55°C (U1273AX) Altitude: Up to 3,000 meters Designed for indoor use and in areas with low condensation Power: Powered by four 1.5 V AAA batteries Reduced battery life due to OLED display (rated at 60 hours Alkaline / 100 hours Lithium for U1273A) Safety and Compliance: Safety Rating: CAT III 1000V, CAT IV 600V Pollution Degree 2 environment EMC Compliance: IEC 61326-1:2005/EN 61326-1:2006 Complies with WEEE Directive (2002/96/EC) Interfaces: Micro USB external power port (on some models/configurations) IR-USB for PC connectivity (requires optional U1173A cable) Optional Bluetooth for data transfer Physical Characteristics * Dimensions: Ergonomic shape designed for a comfortable grip, with or without gloves Durability: Rugged design for industrial environments Compatibility * Compatible with Keysight U1200 Series handheld meters for extended features like remote logging of multiple units simultaneously. Requires optional IR-USB cable (U1173A) and Agilent GUI Data Logger Software for PC connectivity. Optional Bluetooth modules and apps for remote data access. Why Choose Aumictech for Keysight U1273A? At Aumictech, we specialize in supplying high-end test and measurement equipment. Whether you need solid industrial multimeters, advanced data logging capabilities, or reliable performance in harsh environments, our team ensures the Keysight U1273A delivers maximum performance for your application.

U1273A Characteristics / Specifications

PARAMETER	VALUE
Display Resolution	30000 counts
Basic DCV Accuracy	0.05 percent plus 2 counts
DC Voltage Ranges	30 mV to 1000 V
DC Voltage Accuracy 30 V To 1000 V	0.05 percent plus 2 counts
Maximum Voltage AC Or DC	1000 V
Current Maximum Continuous	10 A
Current Maximum Short	20 A for 30 s
AC Bandwidth	100 kHz
Resistance Maximum	300 MOhm
True RMS Mode	AC plus DC
Low Pass Filter	1 kHz LPF for VFD measurements
Peak Detection	up to 250 us
Measurement Rate Voltage Current	7 readings per second
Logging Memory Points	10000
Safety Category	CAT III 1000 V / CAT IV 600 V
Ingress Protection	IP54
Operating Altitude Maximum	3000 m
Operating Temperature	minus 20 C to 55 C
Battery Type	4 × 1.5 V AAA alkaline or lithium
Battery Life Typical	30/45/60 hours alkaline High/Med/Low brightness
Fuse Current Path	11 A / 1000 V 30 kA fast acting
Fuse mA Path	440 mA / 1000 V 30 kA fast acting
Display Type	OLED maximum reading 33000 counts
Bandwidth	100 kHz

U1273A Specifications

PARAMETER	VALUE
Agilent Keysight U1273A OLED Handheld Digital Multimeter	Overview
Applications	Dim or poorly lit industrial environments needing OLED clarity, VFD and stray-voltage troubleshooting, and logged CAT IV field work.
Key Features	OLED display 2000:1 contrast
AC plus DC true RMS	10000 point logging
Technical Specifications	Display Resolution: 30000 counts

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	minus 20 C to 55 C
Operating Temperature	minus 20 C to 55 C
Battery Type	4 × 1.5 V AAA alkaline or lithium
Battery Life Typical	30/45/60 hours alkaline High/Med/Low brightness
Fuse Current Path	11 A / 1000 V 30 kA fast acting
Fuse mA Path	440 mA / 1000 V 30 kA fast acting
Display Type	OLED maximum reading 33000 counts Notes From Keysight/Agilent U1270 Series Handheld Digital Multimeters data sheet (5990-6425). Model-specific rows match the Basic Features comparison table.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Display Resolution	30000 counts
Basic DCV Accuracy	0.05 percent plus 2 counts
DC Voltage Ranges	30 mV to 1000 V
DC Voltage Accuracy 30 V To 1000 V: 0.05 percent plus 2 counts	
Specifications	
PARAMETER	VALUE
Maximum Voltage AC Or DC	1000 V
Current Maximum Continuous	10 A
Current Maximum Short	20 A for 30 s
AC Bandwidth	100 kHz
Resistance Maximum	300 MOhm
True RMS Mode	AC plus DC
Low Pass Filter	1 kHz LPF for VFD measurements
Peak Detection	up to 250 us
Measurement Rate Voltage Current	7 readings per second
Logging Memory Points	10000
Safety Category	CAT III 1000 V / CAT IV 600 V
Ingress Protection	IP54
Operating Altitude Maximum	3000 m
Operating Temperature	minus 20 C to 55 C
Battery Type	4 x 1.5 V AAA alkaline or lithium
Battery Life Typical	30/45/60 hours alkaline High/Med/Low brightness
Fuse Current Path	11 A / 1000 V 30 kA fast acting
Fuse mA Path	440 mA / 1000 V 30 kA fast acting
Display Type	OLED maximum reading 33000 counts

Notes

From Keysight/Agilent U1270 Series Handheld Digital Multimeters data sheet (5990-6425). Model-specific rows match the Basic Features comparison table.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.