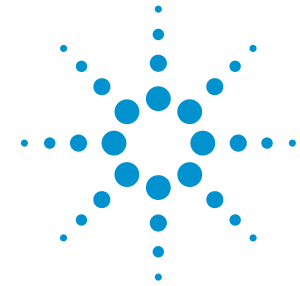


Quick Fact Sheet

Agilent 34405A Digital Multimeter

Affordable yet feature-rich, the Agilent 34405A comes with true capability and reliability for your demanding test and measurement applications across a broad range of industries - be it R&D, design and validation, manufacturing or education.



1. 120,000 counts resolution and high DC voltage accuracy of 0.025% enables you to view down to the smallest reading and identify anomalies in your signals easily.
2. 5.5 digit dual display increases your productivity and throughput in troubleshooting.
3. 12 A current range lets you measure over broad ranges accurately.
4. 16 built-in measurement functions, including temperature and capacitance gives you superior value.
5. Up-Down keys allows you to select the desired measurement range. Just press Shift + Auto key to switch measurement range automatically.
6. 6 built-in math functions (Null, dBm, MinMax, Limit and Hold) lets you perform measurements easily without need for manual calculations.

Feature-rich
DMM with
unbeatable
values



Comes with Agilent IO Library Suite, DMM Intuilink connectivity software, IVI-COM and LabVIEW¹



USB 2.0 (TMC-488.2 compliant) makes the 34405A hotswappable and auto-detectable, saving you setup and configuration time.



PC-connect capability allows you to remotely control the instrument with industry-standard SCPI commands.



Quick Fact Sheet

Agilent 34405A Digital Multimeter

Specifications ²

Part	Description
Display	
	VFD
Resolution	
	5.5 digits
Operating specifications	
DCV, DCI	19 reading/s
ACV, ACI	1 reading/s
Frequency	1 reading/s
Continuity/diode test	
	Yes
Temperature measurement range	
	- 80 °C to 150 °C
Capacitance measurement range	
	1 nF - 10,000 µF
Math functions	
Null	Yes
Hold	Yes
Min/Max/Average	Yes
dB/dBm	Yes
Limit test	Yes
Remote control	
Interface	USB 2.0 (TMC-488.2)
Programming language	SCPI, IEEE-488.1, IEEE-488.2
Software	Intuilink, Agilent IO Library Suite
Drivers	LabVIEW ¹ , IVI-COM

Specifications ² (continued)

Part	Description
General	
Weight	3.75 kg
Size	103.8 mm x 261.1 mm x 303.2 mm
Safety	Certified by CSA for IEC/EN/CSA/UL61010-1 2nd Edition CAT I 1000 V, CAT II 300 V
Warranty	One year
DC description	Range Accuracy
DCV	100 mV to 1000 V 0.025%
DCI	10 mA to 10 A 0.05%
Resistance	100 Ω to 100 MΩ 0.05%
AC specifications	Range Accuracy
True RMS ACV	100 mV to 750 V 0.2%
True RMS ACI	10 mA to 10 A 0.5%
Frequency	300 kHz 0.02%

1. LabVIEW is a registered trademark of National Instruments Corporation.
2. At 0 °C to 50 °C unless otherwise specified.

Measurement automation quick and easy

Whatever instrument you're programming - a power supply, power meter or data acquisition device, whether distributed or local - Agilent VEE graphical language software and GPIB, USB and instrument control products provide you the ease and flexibility to set up and automate the way you want for your application need. Make measurements quickly, easily, affordably - today.

www.agilent.com/find/IO
www.agilent.com/find/VEE

The 34405A DMM comes with:

- Test lead kit
- Test report
- Power cord
- USB interface cable
- Quick start guide
- Product reference CD-ROM
- Agilent IO library suite CD-ROM

Optional accessories



E2308A thermistor probe



34133A precision electronics test leads



34330A 30A current shunt

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

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