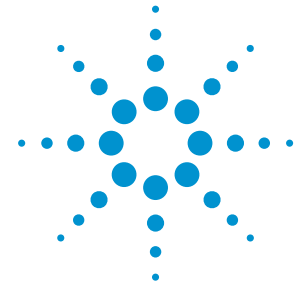


Agilent U3606A Multimeter | DC Power Supply



Pick any two

DMM and power supply? Simultaneous and independent? Get all this and more in the Agilent U3606A multimeter | DC power supply. This convenient new hybrid combines a 5½-digit DMM and 30-W dual-range supply in a single unit. Operating simultaneously and independently, the instruments provide efficient, affordable testing while saving space on the bench or in a rack. Small and cost-effective? Supply and measure? Pick any two with the Agilent U3606A.

1. Full-featured 5 ½ digit DMM

- 120,000 counts resolution
- Fast measurement speed of 37 readings/s
- Low error rate of up to 0.025% basic DCV accuracy
- 9 measurement functions, including capacitance
- 8 built-in math functions
- 4-wire milliohm measurement with 0.001 mW resolution

2. Easy power up

Universal AC input for 100–240 VAC, 45–66 Hz

3. Accurate results

Built-in remote sensing helps you ensure accurate supply at load end

4. Hassle-free integration into existing systems

- Standard USB-TMC488.2 and GPIB connectivity
- SCPI compliance for easy code migration

5. Physical security

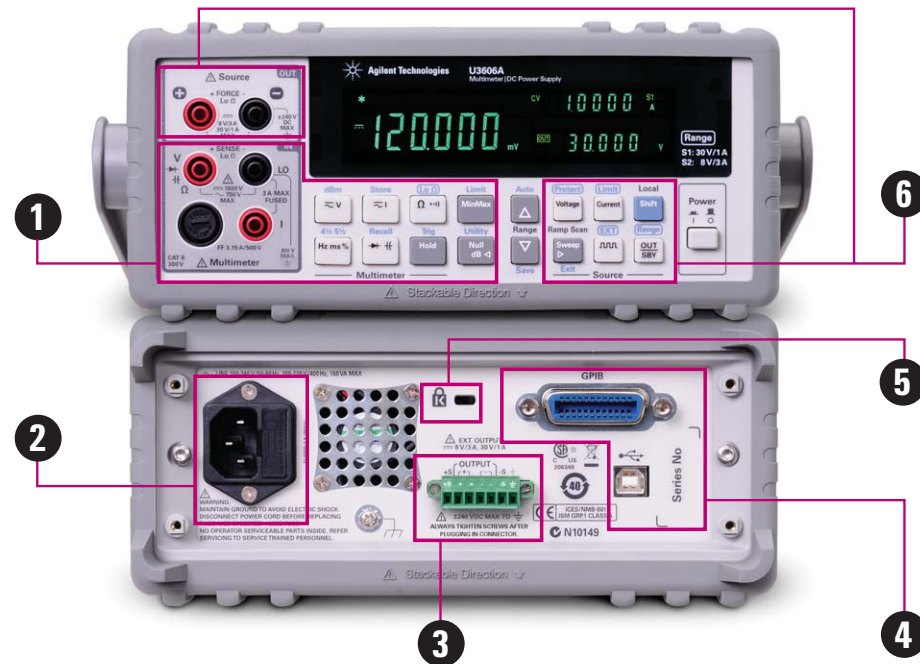
Kensington lock slot helps secure your instrument and prevents theft or misplacement

6. Full-featured 30 W, dual-range DC supply

- 30 V/1 A and 8 V/3 A
- Excellent line/load regulation of up to 0.01%+3 mV
- OVP and OCP load protection
- Auto ramp and scan for multi-level DC bias testing
- Up to 4.8 kHz square-wave output for digital circuit troubleshooting

2-in-1-box convenience

Space savings on the bench and rack, and simpler instruments set-up



Quick Fact Sheet

Everything you need to know about the U3606A

Features		U3606A	
Supply-and-measure capability		Simultaneous; two independent instruments in a box	
DMM functions			
Resolution		120,000 counts	
		Accuracy	Range
DC voltage		0.025%	100 mV – 1000 V
True RMS AC voltage		0.2%	100 mV – 750 V
DC current		0.05%	10 mA – 3 A
True RMS AC current		0.5%	100 mA – 3 A
Resistance:	2-wire	0.05%	100 Ω – 100 MΩ
	4-wire	0.25%	100 mΩ – 10 Ω
Frequency		0.02%	2 Hz – 300 kHz
Capacitance		1%	1 nF – 10,000 μF
Diode, continuity		Yes	
Math functions		Null, dB, dBm, Min/Max/Avg, Limit, Hold	
Power supply functions			
Output ratings		30 V/1 A, 8 V/3 A	
Transient response		300 ms	
		Voltage	Current
Regulation:	Load	0.01% + 3 mV	0.03% + 0.3 mA
	Line	3 mV	1.5 mA
Ripple and noise		<2 mVrms; <30 mVpp	<1 mArms
Front panel resolution		1 mV	0.1 mA
Programming:	Accuracy	0.05% + 5 mV	0.15% + 3 mA
	Resolution	1 mV	0.1 mA
Readback:	Accuracy	0.05% + 5 mV	0.15% + 3 mA
	Resolution	1 mV	0.1 mA
General			
Security		Kensington lock slot	
Connectivity		USB 2.0 (TMC-488.2), GPIB	

Ordering Information

U3606A Multimeter | DC Power Supply

Each U3606A includes:

- Quick Start Guide
- Product Reference CD
- Agilent IO Library Suite
- Certificate of Calibration
- U8201A Combo Test Lead Kit
- USB 2.0 High-Speed Type-A to Type-B Cable
- AC Power Cord

Accessories

- U8201A Combo Test Lead Kit
- U3606A-1CM Rack Mount Kit

Options for DMM

- U8202A Electronic Test Lead Kit
- 34133A Precision Electronic Test Leads
- 11059A Kelvin Probe Set
- 11062A Kelvin Clip Set
- 34136A 40 kV High-voltage Probe
- 34330A Current Shunt (30 A)

Option for DC power supply

- E3600A-100 Test Lead Kit

I/O connectivity options

- 82350B/82351A PCI/PCIe GPIB interface card
- 82357B USB/GPIB converter
- E5810A LAN/GPIB gateway
- 10833D/A/B/C/F/G GPIB cables
- 10834A GPIB-to-GPIB adapter
- E5813A networked 5-port USB hub

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



U8201A Combo Test Lead Kit



E3600A-100 Test Lead Kit



11059A Kelvin Probe Set and
11062A Kelvin Clip Set

