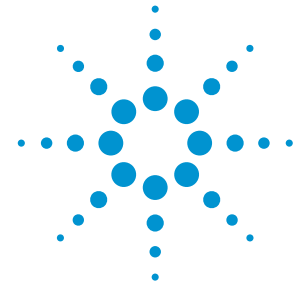


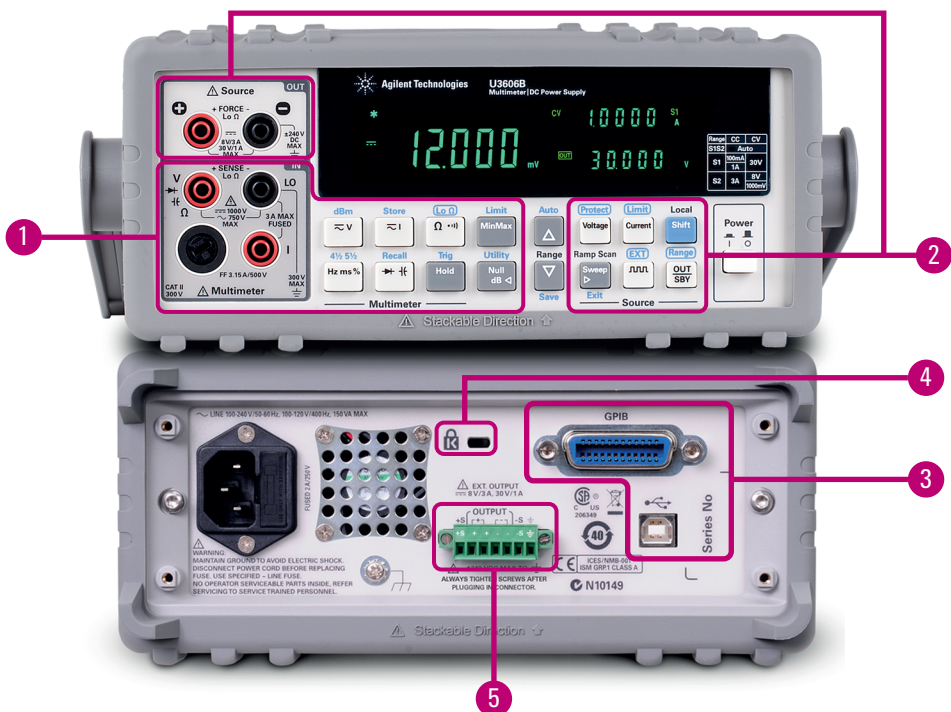
Agilent U3606A and U3606B Multimeter | DC Power Supply



A convenient full featured DMM and Power Supply in a single instrument

Get the Agilent U3606A and U3606B multimeter | DC power supply, the new hybrid that combines a 5 ½-digit DMM and 30 W power 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.

2-in-1-box convenience
Power up your DUT and measure the parameters you want



1. Full-featured 5 ½ digit DMM

- 120,000 counts resolution
- Low error rate of up to 0.025% basic DCV accuracy
- 10 measurement functions, including 4-wire milliohm measurement
- 8 built-in math functions
- 4-wire milliohm measurement with 0.001 mΩ resolution

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

- 30 V/1 A and 8 V/3 A (for U3606A)
- 30 V/1 A, 100 mA/30 V, 8 V/3 A and 1000 mV/3 A (for U3606B)
- 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. 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



Product Fact Sheet

Agilent U3606A and U3606B Multimeter | DC Power Supply

Features	U3606A	U3606B
DMM functions		
Resolution	120,000 counts	
DC voltage	Accuracy	0.025%
	Range	100 mV to 1000 V
True RMS AC voltage	Accuracy	0.2%
	Range	100 mV to 750 V
DC current	Accuracy	0.05%
	Range	10 mA to 3A
True RMS AC current	Accuracy	0.5%
	Range	10 mA to 3A
Resistance	2-wire	
	Accuracy	0.05%
	Range	100 Ω to 100 MΩ
	4-wire	
Accuracy	0.25%	0.09%
	Range	100 mΩ to 10 Ω
Frequency	Accuracy	0.02%
	Range	2 Hz to 300 kHz
Capacitance	Accuracy	1.0%
	Range	1 nF to 10,000 μF
Diode, Continuity	Yes	
Math functions	Null, dB, dBm, Min/Max/Avg, Limit, Hold	

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



Three-Year Warranty

www.agilent.com/find/ThreeYearWarranty

Agilent's combination of product reliability and three-year warranty coverage is another way we help you achieve your business goals: increased confidence in uptime, reduced cost of ownership and greater convenience.

Technical data, availability, and pricing subject to change without notice.
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 5990-3905EN

Features	U3606A	U3606B
Power supply functions		
Output ratings	30 V/1 A and 8 V/3 A	30 V/1 A, 100 mA/30 V, 8 V/3 A and 1000 mV/3 A
	Regulation	
Regulation	Load	
	Voltage	0.01% + 3 mV
	Current	0.03% + 0.3 mA
	Line	
	Voltage	3 mV
	Current	1.5 mA
Ripple and Noise	Voltage	< 2 mVrms; < 30 mVpp
	Current	< 1 mArms
Transient Response Time	< 450 ms for output to recover to within 50 mV following a change in output current from full load to half load or vice versa	< 100 μs for output to recover to within 15 mV following a change in output current from full load to half load or vice versa
	Front Panel Resolution	
Front Panel Resolution	Voltage	1 mV
	Current	0.1 mA
Programming	Accuracy	
	Voltage	0.05% + 5 mV
	Current	0.15% + 3mA
	Resolution	
Readback	Voltage	1 mV
	Current	0.1 mA
	Accuracy	
	Voltage	0.05% + 5 mV
Current	0.15% + 3mA	
	Resolution	
Voltage	1 mV	
	Current	
0.1 mA		
General		
Security	Kensington lock slot	
Connectivity	USB 2.0, GPIB	

Ordering information

U3606A Multimeter | DC Power Supply

U3606B Multimeter | DC Power Supply

Each unit 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



U8201A combo test lead kit



E3600A-100 test lead kit



11059A Kelvin probe set and 11062A Kelvin clip set



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