

DMM4000 Series vs. Keithley 2000 Series

Competitive Fact Sheet

Ease of Use

Tektronix DMM4000 Series

- ✓ Dual numeric & graphical measurement display
- ✓ Larger display and readout 1.27 cm
- ✓ Direct access keys and soft keys with readout menus
- ✓ USB device port for recording data and user setups (4040/4050)



Keithley 2000 Series

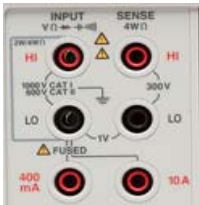
- ✗ Single numeric display
- ✗ Small display and readout .9525 cm
- ✗ Shift key required for all extended functions
- ✗ Limited internal measurement storage up to 2000 readings



Measurement Performance

Tektronix DMM4000 Series

- ✓ Up to 0.0024% V_{DC} Accuracy
- ✓ 2X4 single lead set ohm measurements
- ✓ Max current 10 A
- ✓ CAT I 1000V, CAT II 600V



Keithley 2000 Series

- ✗ Up to 0.0030% V_{DC} Accuracy
- ✗ 2X4 dual lead set ohm measurements
- ✗ Max current 3 A
- ✓ CAT I 1000V, CAT II 600V



Key Specifications/Feature Comparison

	Tektronix DMM4000	Keithley 2000/2001
V_{DC} Accuracy	✓ Up to 0.0024%	✗ Up to 0.0030%
Measurements Types	✓ 12 (4050), 10 (4040), 9 (4020)	✓ 11
Math Functions	✓ 11 (4040/50), 6 (4020)	✗ 9 (2000), 8 (2001)
Measurement memory	✓ 10,000 internal, USB: 999 files (10K rds. each) (4040/4050)	✗ 1024 rds. (2000); 2000 rds. (2001)
Transfer speed (rdgs/sec)	✓ 1000 (4040/50), 100 (4020)	✗ 50
Included software	✓ NI LabVIEW Signal Express	✗ KI-Tool by Keithley
Interfaces	✓ LAN, GPIB, RS232, USB adapter (4040/4050), RS232, USB adapter (4020)	✗ GPIB, RS232 (2000), USB (2001)

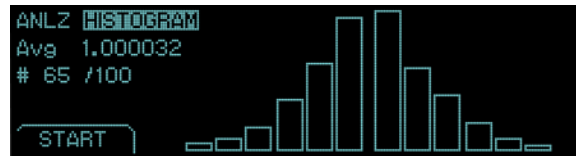
DMM4000 Series vs. Keithley 2000 Series

Competitive Fact Sheet

Extended Analysis Performance

Tektronix DMM4040/50 Series

- ✓ Measurement trending over extended time durations (minutes, hours, days) with TrendPlot™
- ✓ Statistical analysis with measurement statistics and histogram displays



Keithley 2000 Series

- ✗ No Histogram and graphic data recording
- ✓ Optional 10 channel scanner card (2000) for recording multiple measurement



Warranty Duration

Tektronix DMM4000 Series

- ✓ 3-year warranty

Keithley 2000 Series

- ✗ 1-year warranty



Tektronix DMM4000 Series

Advanced Features for Embedded Design

- ✓ Cross-triggering support between Tektronix digital multimeters and oscilloscopes
- ✓ National Instruments LabVIEW Signal Express™ Tektronix Edition Software
- ✓ Single and multiple instrument data recording
- ✓ Common software for Tektronix basic and bench oscilloscopes, arbitrary/function generators and digital multimeters

