

# DMM4000 Series vs. Agilent 34000 Series

## Competitive Fact Sheet

### Ease of Use

#### Tektronix DMM4000 Series

- ✓ Dual numeric & graphical measurement display
- ✓ Direct access keys and soft keys with readout menus
- ✓ Internal memory and USB device port for recording data and user setups (4040/4050)
- ✓ Data logging to memory or USB device(4040/4050)



#### Agilent 34000 Series

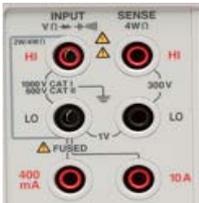
- ✗ Single (34401A); dual numeric display (34410/34405)
- ✗ Shift key required for all extended functions
- ✗ Internal measurement storage
- ✓ Data logging 34401A



### 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



#### Agilent 34000 Series

- ✗ Up to 0.0030%  $V_{DC}$  Accuracy
- ✗ 2X4 dual lead set ohm measurements
- ✗ Max current 3 A
- ✗ CAT II 300V



### Key Specifications/Feature Comparison

	Tektronix DMM4000	Agilent 34410/34401
<b><math>V_{DC}</math> Accuracy</b>	✓ Up to 0.0024%	✗ Up to 0.0030%
<b>Measurements Types</b>	✓ 12 (4050), 10 (4040), 9 (4020)	✓ 12 (34410A), 10 (34401), 11 (34405A)
<b>Measurement memory</b>	✓ 10,000 internal, USB: 999 files (10K rds. file) (4040/4050)	✗ 50,000 rds. (34410), 512 rds. (34401)
<b>Transfer speed (rdgs/sec)</b>	✗ 1000 (4040/50), 100 (4020)	✓ 1000 (34401A), 10K (34410A), 100 (34405A)
<b>Included software</b>	✓ NI LabVIEW Signal Express	✗ IntuiLink by Agilent
<b>Interfaces</b>	✓ LAN, GPIB, RS232, USB adapter (4040/4050), RS232, USB adapter (4020)	✓ LAN, USB, GPIB (34410A), RS232, GPIB (34401A), USB (34405A)

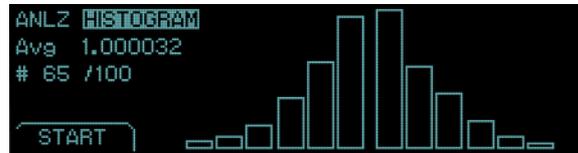
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### Extended Analysis Performance

#### Tektronix DMM4040/50 Series

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



#### Agilent 34000 Series

- ✗ No Histogram and graphic data recording

### Warranty Duration

#### Tektronix DMM4000 Series

- ✓ 3-year warranty

#### Agilent 34000 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

