

PWS4305 vs. Agilent E3632A

Competitive Fact Sheet

Ease of Use

Tektronix PWS4305

- ✓ Displays both settings and meter readings simultaneously
- ✓ Quick setup with both direct-entry numeric keypad and rotary knob
- ✓ Password-protected front-panel lockout
- ✓ 40 User-definable setup memories
- ✓ USB interface standard, with optional GPIB

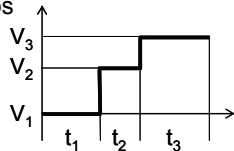
Agilent E3632A

- ✗ Displays settings or meter readings, but not at the same time
- ✗ No numeric keypad
- ✗ No front-panel lockout
- ✗ 3 User-definable setup memories
- ✗ No USB interface, GPIB and RS-232 only

Performance

Tektronix PWS4305

- ✓ $\pm 0.03\% + 3 \text{ mV} / \pm 0.05\% + 2 \text{ mA}$ output accuracy
- ✓ 1 mV / 0.1mA setting resolution
- ✓ 1mV / 0.1 mA meter resolution
- ✓ List mode feature for storing and executing test sequences of up to 80 steps



Agilent E3632A

- ✗ $\pm 0.05\% + 10 \text{ mV} / \pm 0.2\% + 10 \text{ mA}$ output accuracy
- ✗ 1mV / 0.5mA setting resolution
- ✗ 10mV / 1mA meter resolution
- ✗ No list mode

Key Specifications/Feature Comparison

	Tektronix PWS4305	Agilent E3632A
Meter Accuracy Vol.	✓ $\pm 0.02\% + 2.5 \text{ mV}$	✗ $\pm 0.05\% + 5 \text{ mV}$
Meter Accuracy Cur.	✓ $\pm 0.05\% + 2.5 \text{ mA}$	✗ $\pm 0.15\% + 5 \text{ mA}$
Load & Line regulation, Voltage	✓ $< 0.01\% + 2 \text{ mV}$	✓ $< 0.01\% + 2 \text{ mV}$
Load & Line regulation, Current	✗ $< 0.05\% + 0.1 \text{ mA}$	✓ $< 0.01\% + 250 \mu \text{ A}$
Meter resolution	✓ 1 mV / 0.1 mA	✗ 10 mV / 1 mA
User setup	✓ 40	✗ 3
Front panel lockout	✓ Password protected	✗ No
List mode, number of sequences	✓ 7 sequences, up to 80 steps each	✗ No

PWS4305 Series vs. Agilent E3632A

Competitive Fact Sheet

Higher Power

Tektronix PWS4305

	Voltage Range	Current Range	Max Power
PWS4305	0 – 30 V	0 – 5 A	150 W

Agilent E3632A

	Voltage Range	Current Range	Max Power
E3632A	0 – 15 V	0 – 7 A	105 W
	0 – 30 V	0 – 4 A	120 W

Warranty Duration

Tektronix PWS4000 Series

✓ 3-year warranty

Agilent E363XA Series

✗ 1-year warranty



Connect Your Bench for Powerful Debug

- ✓ PWS4000 Series includes a copy of National Instruments LabVIEW SignalExpress™, Limited Tektronix Edition Software.
- ✓ Provides a common software interface for Tektronix bench instruments.
- ✓ Remotely control your instruments, automate measurements and analyze data across multiple instruments, capture and save results.
- ✓ PWS4000 Series is designed to stack neatly with Tektronix digital multimeters and frequency counter/analyzers.

