



## Accurate Wiring and Component Analysis Anytime, Anywhere!

- ◆ *Portable Environmentally Sealed Packaging*
- ◆ *MIL-STD-810G, MIL-STD-461F, MIL-PRF-28800F Qualified*
- ◆ *Fully Programmable Measurement System up to 500 vdc*
- ◆ *1152 Test Points with 256 Random Access (RAX) Points in Base Configuration*
- ◆ *Expandable to over 15,000 Test Points*
- ◆ *Remote Probe for isolated testing and troubleshooting*

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*Automatic Wire Test Set (AWTS) analyzers are DOD approved common support test sets for use at all levels of maintenance on all platforms. From established depots to remote deployments, this flexibility enables maintainers to choose where best to perform service and repair actions.*

*The AWTS -02 configuration (100000-02) is focused on supporting harness and wire system maintenance by maximizing the available test points and minimizing system size. Combined with RAX energization, systems that include embedded components (relays, data buss, indicators, etc.) can be tackled with ease.*

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**Contact Us To Learn More!**

**ECLYPSE INTERNATIONAL**

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## SYSTEM SPECIFICATIONS

### AWTS - 02

#### FEATURES

100000-02 (NSN: 4920-01-528-5517)

#### Measurement System

Voltage Measurement Stimulus	0.25 to 500 VDC (+ or -)
Current Measurement Stimulus	0.005 to 1.0 Amps (+ or -)
Resistance Measurement	0 to 1000M Ohms
VI Measurement	0.001 to 1.0Amps (+ or -), 0 to 500 VDC (+ or -) <i>Used for:</i> Diode Foward Voltage / Reverse Leakage, Zener, Transistor Current Saturation, & more
DC HIPOT Measurement	0.5mA to 2.5mA (100 to 500 VDC)
DC Voltage Measurement	-200 to 200 VDC (up to 500 VDC non-switching)
AC Voltage Measurement	0.0 to 225 VAC (up to 350 VAC non-switching)
Capacitance Measurement	0 to 100 uF (extended ranges available)
Data Logging (Waveform Capture)	20kHz max sample rate, 2k buffer <i>Used for:</i> Pulse Width, Frequency, Event Timing, & more

#### Switching/Energization System

Test Address Points	1152
RAX Energization Points	256 (4 Buses)
Voltage Energization	0-40 VDC @ 3 A (2 channels)

#### Standard Software

ELITE Operating System

- *Self-Program*
- *Menu-Driven Interface*
- *Self-Test (Diagnostics)*

IDE - Interface Device Editor  
WTG - Wire Test Generator

#### Physical Characteristics

Input Power	115 / 230 VAC (auto-ranging), 50-400 Hz
Physical Dimensions (TCU)	14"H x 27.5"D x 14.5"W, @ 58 lbs.
Physical Dimensions (SM)	14"H x 27.5"D x 14.5"W, @ 61 lbs.

*Specifications subject to change without notice*

**Contact us today for additional information**

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