The ATS3000P is a compact, ruggedized, battery-operated Communications Test System for frontline diagnostics.

**The ATS3000P significantly reduces:**
- Unit Under Test diagnostic time
- Maintenance and calibration costs
- No Fault Found conditions
- Life cycle cost-of-ownership

The ATS3000P is designed using Astronics Test Systems’ proven Synthetic Instrumentation architecture. Featuring 23 instruments, and both Automated and Standalone modes to test, record, and diagnose faults, the unit provides complete RF, Analog and Digital capabilities. The ATS3000P also includes the sophisticated IF and baseband I/Q Digital Signal Processing required for modern radios. The field-upgradeable, software-defined architecture features easy-to-use graphical user interfaces and enables testing with minimal operator intervention. Test Program Sets are available for a full range of tactical radios, or you can create new TPSs easily using the included TestEZ® software suite.

**Dimensions with Laptop**
- Size: 6”H x 12”W x 13.5”D (cm 15.2H x 30.5W x 34.3D)
- Weight: < 18 lbs. (< 8.2 kg)

**Dimensions without Laptop**
- Size: 4”H x 12”W x 13.5”D (cm 10.2H x 30.5W x 34.3D)
- Weight: < 13 lbs. (< 5.9 kg)
RF SIGNAL GENERATOR

**FREQUENCY**
Range: 1.0 MHz to 2.7 GHz (Usable from 250 kHz and up to 3000 MHz)
Resolution: 1 Hz

RF RECEIVE METERS

**FREQUENCY**
Range: 1.0 MHz to 2.7 GHz (Usable from 250 kHz and up to 3000 MHz)

RF POWER METER (Broadband)

**FREQUENCY**
Range: 1.0 MHz to 2.7 GHz (Usable from 250 kHz and up to 3000 MHz)
Accuracy: +/-10%

AUDIO FUNCTION GENERATOR(S)

**CHANNELS**
2 Front Panel Channels
4 UUT Interface Module Channels

**WAVEFORM**
Sine, Square, Triangle, Ramp, Pulse, & DC

**FREQUENCY**
Range: Sine: 0 Hz to 100 kHz (Usable to 250 kHz)
Resolution: 0.1 Hz
Accuracy: ±0.2 Hz (Sine)

AUDIO ANALYZER

**CHANNELS**
2 Front Panel Channels
Demodulated RF
2 UUT Interface Module Channels
Audio signal is automatically detected and measured

**RF SPECTRUM ANALYZER**

**FREQUENCY**
Range: 1.0 MHz to 2.7 GHz (Usable from 250 kHz and up to 3000 MHz)
Resolution: 1 Hz

**OSCILLOSCOPE**

**DISPLAY**
Channels: 2
Trace Types: Live, captured
Measure: Freq., Vrms, Vmin, Vmax, Vpp, Vavg, pulse width (neg. and pos.), and Phase difference

**FREQUENCY STANDARD (Reference Oscillator)**

**INTERNAL FREQUENCY STANDARD (OCXO)**
Frequency: 10 MHz
Accuracy: ±0.3 ppm

**DIGITAL MULTIMETER**

**AC / DC VOLTMETER**
Range: 1mV to 300V (non-mains 600V)
Resolution: 5½ digits
Accuracy Range - DC:
- 600V: ±1% reading ±0.0002 of full scale
- 100V: ±1% reading ±0.0002 of full scale
- 10V: ±1% reading ±0.0002 of full scale
- 1V: ±1% reading ±0.0002 of full scale
Accuracy Range - AC:
- 600V: ±2% reading ±0.0002 of full scale
- 100V: ±2% reading ±0.0012 of full scale
- 10V: ±2% reading ±0.0012 of full scale
- 1V: ±2% reading ±0.012 of full scale
- 0.1V: ±0.5% reading ±0.02 of full scale
AC Volts Frequency Range: 40 Hz to 20 kHz

**POWER REQUIREMENTS**

**AC / DC**
AC Voltage: 104 to 126 VAC 50/60 Hz
207 to 253 VAC 50/60 Hz
DC Voltage: 22 through 32 VDC

**ACCESSORIES**

**STANDARD**
Scope Probe Kit
DMM Probe Kit
AC Power Cord
Extra Fuses
Operator’s Manual

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27 April 2015. Product specifications may have changed since the printing of this brochure. Brochure specifications are not binding; confirm specifications at time of order. These items are restricted under the International Traffic in Arms Regulations (ITAR) or the Export Administration Regulations (EAR). Items may not be transferred to a foreign person and may not be retransferred or re-exported without an authorization from the US Department of State or the US Department of Commerce (as applicable).