# ASTRONICS
## DME CORPORATION

# ATS3000A *"Production-ready with the diagnostic, parametric, and functional testing of today's electrical-communication systems"*

ATS3000A

*Astronics DME Corporation is proud to introduce the ATS3000A, representing the third generation in the evolution of the ATACTS product. The ATS3000A is designed using Astronics DME's proven Synthetic Instrumentation (SI) architecture. It can be used as a standalone or automated system with easy to use graphical user interfaces. The ATS3000A is capable of testing legacy, current and future software-defined radios, as well as power amplifiers, couplers and other electronic equipment.*

### FEATURES

- Software defined, synthetic architecture
- 21+ Meters and Instruments
- Field Upgradeable
- Real-time, Programmable IF Bandwidth from 100Hz to 8 MHz
- IQ Synthesis and Analysis via $IQ_{EZ}^{TM}$
- Standalone, Automated test capabilities
- Removable UUT interface module for Future ATE communications

# ATACTS

# *Software Defined Reconfigurable Technology*

![Astronics DME Corporation logo]

## Standalone Virtual Instrumentation GUI
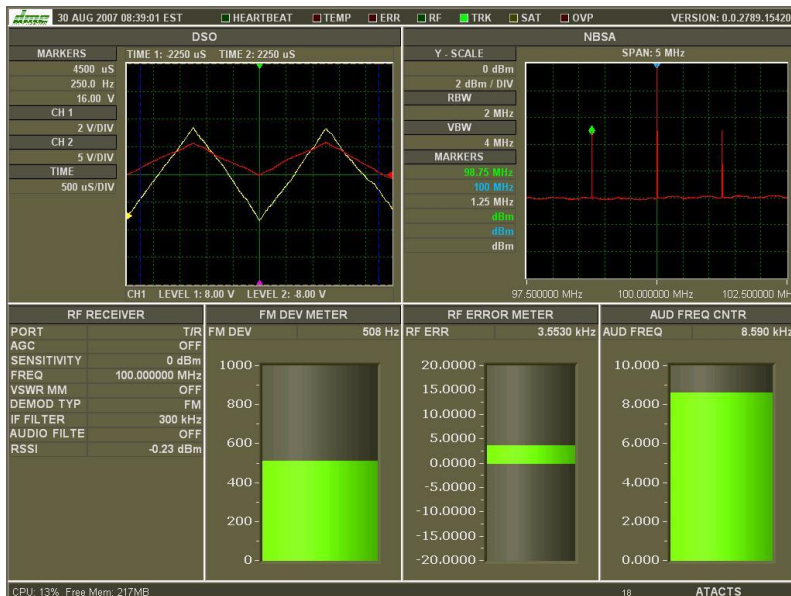


## Product Highlights

### INSTRUMENTS

- Audio Generator
- RF Generator and Receiver
- I/Q Generation

### METERS

- RF Power, Phase, AM, FM and Digital
- Constellation Diagram
- Spectrum Analyzer
- Oscilloscope (DSO)
- Error Vector (EVM) Meter
- Digital MultiMeter (DMM)
- Cable Fault
- Audio Analysis
- RSSI
- RF Frequency Error

## TestEZ® Test Executive



### Full ATE System with interchangeable UUT interface module



Actual product specifications may have changed since the printing of this brochure. Brochure specifications are not binding. Confirm current specifications at time of order.

# ATS3000P *"What you need, when you need it; reducing cost and increasing throughput where it matters the most"*

**ATS3000P** (side text)

*The ATS3000P provides technicians system level, front-line diagnostic capabilities, offering unambiguous fault detection and isolation. It combines the operational capability (stimulus and response metering and measurement) of many different test instruments into a single, powerful, compact unit. The sophisticated virtual instrument graphical user interface provides maximum operational capability for advanced users, while maintaining an intuitive, easy-to-use interface for the basic technician.*

### FEATURES

- Field Level Maintenance Device
- One-man Portable
- Battery Operated
- Software defined, Synthetic Architecture
- Virtual Instrument Graphical User Interfaces
- Field Upgradeable
- Automated, Standalone Test Capabilities
- 21+ Meters and Instruments

## Key Specifications

### SIZE

*Dimensions*

**4.0"h x 12.0"w x 13.5"d**
(without laptop)

**6.0"h x 12.0"w x 13.5"d**
(with laptop)

*Weight*

**< 13 lbs. (without laptop)**

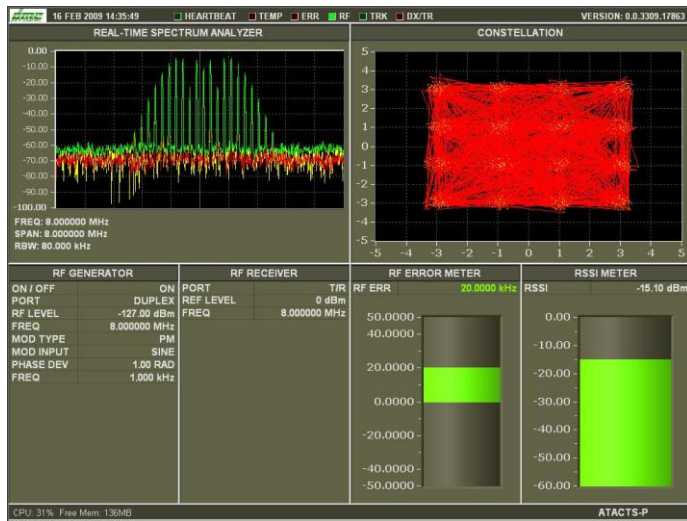**< 18 lbs. (with laptop)**

### USER INTERFACE

*Display*

**Size**
10.4", Sunlight Readable
**Resolution**
1024 x 768 XGA
**Touch Screen**

## Software Defined Reconfigurable Technology

# ASTRONICS
## DME CORPORATION

## Standalone Virtual Instrumentation GUI



## UBI-2590 Lithium Ion Battery



## TestEZ® Test Executive



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