



# CTS Series of Radio Test Sets

## Keep Your Communications Running at Peak Performance

When communications are critical, ensure your system performance with the CTS Series of radio test sets from Astronics Test Systems. These radio test sets combine several instruments into single devices to provide powerful, reliable end-to-end testing of your radio communications systems.

Use these radio test sets for any military, law enforcement, security, airline, and transportation company where communication lines must remain in operation for safety and security.

Deployed globally for nearly 20 years, Astronics Test Systems radio test sets deliver the dependability you require to ensure critical communications operation.



### CTS-6000 Series

The newest test set in the series, the CTS-6000 Series combines nine test instruments into a single device with a modern, intuitive touchscreen interface for testing radio communications systems at the factory, at the depot, or in the field. The ultimate in portability, this device is ruggedized, battery-operated, and light weight to enable easy, one-person operation.



### CTS-2700

The CTS-2700 is a benchtop version that includes support for UUT power supplies, a 10MHz reference clock, a spare cPCI expansion slot, and front panel controls that enable the system to be rack mounted, if desired.



### CTS-2750

The CTS-2750 is the ruggedized, battery-operated version that offers front-line, system-level functional and diagnostic testing. Its compact size facilitates easy movement through vehicular access hatches and its light weight allows one person to easily operate it in standalone or automated mode.

**Complete Radio System Test.** Test any component of your radio system - tactical handsets, transmitters, antennae and more. The CTS Series of testers provides complete RF, analog and digital test capabilities, including all of the digital IF and baseband I/Q signal processing that meets the rigorous testing demands of modern electronics and communications systems.

With a wide frequency range, the CTS Series of testers combine an array of instruments to test, record, and diagnose faulty units under test. The standalone instrument software provides access to all instrument panels in a versatile, feature-rich environment.

**Future Supportable.** Easily support legacy, current, and future radio test requirements with these systems, where sophisticated digital signal processing and a software-defined architecture provide complete modularity and configurability.

“*The clear choice for a radio test set to boost the supportability of communications equipment at the front line.*”

Germeen Kaldas, Innovasys Pty Ltd.

**Easy Test Program Set Development.** The CTS Family of Testers includes the TestEZ® or TestExpress® development software. These code tools and test executives enables you to create and modify test program sets for your CTS Series of testers quickly and easily. Write test program sets once and share them across devices.

**Customize Your System.** Units are available off the shelf or you can take advantage of Astronics' famous "engineer to engineer" services to customize your tester and your test programs to suit your needs.

**A Global Support Network.** Our global teams are available for making your mission successful. From test program development to installation, calibration, training, field support, and maintenance, Astronics is ready to help.

### Get Started Today.

For additional details or to schedule a demonstration, please contact us:

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## IMPROVE YOUR RADIO TESTING

As an all-in-one solution, our radio test sets deliver:

- Fast diagnostic test times
- Reduced maintenance and calibration costs
- Fewer frustrating "no fault found" conditions
- Reduced lifecycle cost of ownership
- Wide range of radio test standards supported
- A modular, customizable architecture
- Upgradeable technology paths
- Cybersecurity
- Multi-year support programs

