



STE3000F – RF Shielded Test Enclosure (Forensics Edition)

Just as we have manufactured RF isolation test products for pager, two way, cellular, PCS, and WLAN testing, we were right there to support the forensic industry in their requirements for data isolation and collection of wireless communications devices. Forensic investigation of cell phones, PDA's, and other hand-held wireless devices specifically requires complete hands-on manipulation of the wireless device to identify and extract data while maintaining complete RF isolation from the outside world.

We started with our patented STE3000B enclosure with two RF isolated hands-on gloves to provide complete hands-on access to the device. Viewing of the device is provided through the RF isolated illuminated viewing window. A RF filtered 6 outlet internal power strip is included to maintain power to the DUT throughout test and observation to prevent possible loss of data. From there, we pre-customized the enclosure for the typical forensic application. We included an RF filtered RS-232 serial bulkhead feedthrough connector and an RF filtered USB1.1 data port bulkhead feedthrough to give you data access to the wireless device under test or observation. Additional I/O connectors may be ordered to suite your specific needs. Looking for the standard in forensic testing? We have you covered.



RF Shield Box STE3000F Key Benefits

- Custom designed for the forensics industry
- Wireless device testing
- Perfect for 802.11a, b, g
- Bluetooth, RFID, 3G testing
- Wide variety of I/O options
- Super isolation up to 18GHz
- Stock models to fit your custom applications

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

Concentric Technology Solutions, Inc.
TEL: 817-503-8862 FAX: 817-503-8866 Email: CTS-Sales@ctscorp-usa.com Website: <http://www.ctscorp-usa.com>

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RF Shield Box STE3000F Specifications

- Designed specifically for forensic wireless device isolation and data retrieval
- RF absorbent foam liner
- Exclusive double lip RF tight gasket
- Universal I/O connector interface plate
- RF tight "hands-on" silver mesh gloves
- RF tight illuminated viewing window
- Gas filled cover strut
- Isolation:
 - -90dB @ 1GHz
 - -90dB @ 3GHz
 - -80dB @ 6GHz
- Dimension:
 - Outside: 12.75"H x 18"W x 12"D
 - Inside: 8"H x 17"W x 10.5"D

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Concentric Technology Solutions Inc

Testing Solutions for the Wireless Industry

STE3000F RF Shielded Test Enclosure Data Sheet

Custom Configuration Options

RF FEEDTHROUGH:	BNC, TNC, SMA, SMB, UHF, Type-N
FIBER OPTIC:	Fiber optic bulkhead feedthrough, ST, FC
DUST COVERS:	Dust cover caps with security chains available for all RF feedthrough connectors
RF FILTERED DATA:	DB9 (10pF), DB9 (100pF), DB9 (1000pF), DB15 (100pF), DB15 (1000pF), DB25 (310pF), DB25 (1000pF), DB37 (310pF), DB37 (1000pF), RJ45/DB9 Filtered, RJ11/DB9 Filtered, USB1/DB9 Filtered
POWER CONNECTIONS:	4-Pole filtered barrier strip feed through, 6-Pole filtered barrier strip feed through, internal surge protected power strips (110VAC, 220VAC International)
VENTILATION OPTIONS:	Dual side mounted RF filtered vents with single filtered exhaust muffin fan, passive vent only
RF ABSORBENT FOAM:	Standard 1/2" thick RF absorbent foam liner provides 24dB attenuation. 3/4" thick foam is standard on the STE3800 and available as an option to provide a flatter response
FIBER TRANSCEIVER:	Icron Technologies USB 2.0 Fiber Transceiver System available for devices up to 480 MB/s

Note: RF Isolation specs are measured at 1M with terminated RF feedthrough coaxial connectors installed. Actual isolation & attenuation can be affected by adding additional filtered and non-filtered connectors. Check with us for specific connector specifications.

STE series I/O interfaces, connectors, and options are frequently updated. Check with us for updates.

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