



STE4500 – Shielded Test Enclosure

The popularity of the STE4400s larger size along with the patented hands-on manipulability of the STE3000B brought you the STE4500. The exclusive RF tight hands-on silver mesh gloves and illuminated viewing window are integral to the large 22.5" W x 18" H wide front of the enclosure. Dual gas filled struts hold the hinged top open for easy access for the largest devices, including laptops. Like other STE series enclosures, a universal stainless steel I/O connector interface plate is used to provide you any combinations of custom milled connectors and I/Os that you may require. See the options below.



RF Shield Box STE4500 Key Benefits

- 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

RF Shield Box STE4500 Specifications

- Designed for hands-on manipulation of larger devices under test
- Exclusive double lip RF tight gasket
- Universal I/O connector interface plate
- RF tight "hands-on" silver mesh gloves
- RF tight illuminated viewing window
- Dual gas filled cover struts

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>

Disclaimer: Ramsey is a trade mark of Ramsey Electronics and all rights reserved.



Concentric Technology Solutions Inc

Testing Solutions for the Wireless Industry

STE4500 Shielded Test Enclosure Data Sheet

- Isolation:
 - -90dB @ 2GHz
 - -90dB @ 3GHz
 - -80dB @ 6GHz
- Dimension:
 - Outside: 19"H x 22.5"W x 15.5"D
 - Inside: 18"H x 21.25"W x 14"D

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.

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>

Disclaimer: Ramsey is a trade mark of Ramsey Electronics and all rights reserved.