



**RF TIGHT TESTING...
MADE EASY!**

- ✓ **Wireless Device Testing!**
- ✓ **Perfect for 802.11a, b, g
Wireless LAN Testing**
- ✓ **Cellular, Paging, PCS, GSM and
Bluetooth Testing**
- ✓ **Wide Variety Of I/O Options!**
- ✓ **Great Isolation Up To 18GHZ!**
- ✓ **Models To Fit Any Application!**

**Trust YOUR RF Testing To Our
Patented Design!**

It all started with our patented STE3000 series RF Test Enclosures. Using silver impregnated ultra fine mesh gloves and a completely RF sealed working area, we brought the self-contained screen room...to the top of your desk! Now we offer a complete line of RF Shielded Test Enclosures to fit any of your RF test needs. From 100MHz to 18GHz, we have you covered... *or attenuated!*

STE3000 SERIES

The RF Test Enclosure that started it all! The STE3000 series is constructed of .090 Aluminum, utilizing precision machined tolerances throughout to maintain an RF-Tight environment. The heavy duty RF sealed cover hinges open and close with a precision air piston. Once closed, a large RF tight viewing window overlooks the entire working area within the enclosure. Hands-on troubleshooting, tuning and access to the device under test are accomplished using specially designed, silver impregnated, ultra fine mesh gloves that offer excellent manual dexterity. The work area has built-in illumination via four low voltage incandescent lamps powered by the RF Filtered AC Supply. Your choice of BNC, TNC, and DB-9 feed through connections are also provided for test signal inputs and outputs. Sounds incredible? We thought so too; that's why we have a patent on it! For microwave and higher frequency applications the STE3200 evolved! We added an exclusive double-lip RF-Tight gasket and lined the interior with RF absorbent foam to provide a typical RF attenuation of -100dB @ 1GHz, and -85dB @ 3GHz!

STE3300 SERIES

Designed from the ground up for wireless LAN, Bluetooth, PCS and other microwave frequency applications. The STE3300 is constructed of rugged .090 and .125 aluminum, dual heavy-duty latches, and two rows of double woven monel flexible RF gaskets to provide super isolation throughout the frequency range. The interior is lined with -24dB RF absorbent foam for additional isolation. Inside working space is large enough for a complete laptop computer!

STE2000 SERIES

The Portable Test Box is constructed to the same precision-machined tolerances of our patented STE3000 series to maintain an exceptionally well shielded environment. Heavy duty, rugged .090 and .125 aluminum is used throughout and double woven monel flexible gaskets are used at all joint locations assuring a reliable RF tight closure. Oversized hinges and latches are used to provide a physically tight seal every time. For the pager repair shop, the STE2000 is provided with the Ramsey RTF2 Radiation Test Fixture, ready to speed your pager testing. Access holes in the top cover provide access for non-metallic alignment tools for closed cover alignment. All critical connection points are coupled through 3 built-in feed-through BNC connectors. The inside of the box has an RF-free incandescent lamp to illuminate the device under test. For your custom applications, the STE2001 and STE2002 are available as stand-alone shielded enclosures without the RTF2. For compact testing of microwave and higher frequency devices we designed the STE2200. Just like its big brother, we added our exclusive double-lip RF-Tight gasket and lined the interior with RF absorbent foam to provide a typical RF attenuation of -90dB @ 3GHz! Perfect for 2.4GHz testing.

STE5000 SERIES

The STE 5000 enclosure represents a breakthrough in RF shielded enclosure design and value. The enclosure is roomy enough to hold even 19" rack sized instruments, provides -110dB of shielding, and enables one to test anywhere in your facility. The box is constructed of type 304 stainless steel, and lined with microwave absorbent foam. Ramsey has developed a unique double gasketed closure that maintains maximum shielding while allowing a full 24" X 18" opening. Heavy-duty hinges and latches plus interior bracing insure the physical integrity of the enclosure. RF attenuation is -110 dB at 1GHz, and -80dB at 18GHz!

A 4" x 6" connector panel has been integrated into the design of the enclosure. Machining and attaching connectors is done on the panel only, enabling us to provide a custom configuration with off-the-shelf delivery. The standard unit includes a 4 terminal filtered power connector, 2-BNC, 2-Type N, and 1-filtered DB9 connector. Additional connectors can be installed to customize the enclosure. The two standard BNC connectors can be exchanged for TNC connectors at no additional cost.

STE4400 SERIES

Our newest RF test enclosure specifically engineered for the production floor! Designed to the same exacting specifications of the STE3300, the STE4400 offers unique swing-down front door opening for easy device placement and removal. Extra deep work space accommodates the largest devices. Connections are brought out to a 4"x6" I/O panel that is customized with the connectors of your choice to your exact specifications.

	MODEL	DESCRIPTION	CONNECTORS	ISOLATION	DIMENSIONS	PRICE
	STE2000	Portable test box designed for pager test and repair, includes built in RTF2 pager test fixture, top access holes.	(3) BNC 12VDC filtered light	-80dB @ 1GHz -50dB @ 3GHz	3½"H X 7"W X 9½"D	\$695.00
	STE2001	Portable test box for general purpose communications device testing, top access holes	(3) BNC 12VDC filtered light	-80dB @ 1GHz -50dB @ 3GHz	3½"H X 7"W X 9½"D	\$295.00
	STE2002	Portable test box for general purpose communications device testing, top access holes	(3) TNC 12VDC filtered light	-80dB @ 1GHz -50dB @ 3GHz	3½"H X 7"W X 9½"D	\$295.00
	STE2200	Microwave test box, includes RF absorbent foam liner and double lip RF gasket for an RF tight seal	None standard Optional custom configuration	-100dB @ 1GHz -90dB @ 3GHz -80dB @ 6GHz	4½"H X 7¼"W X 9¾"D	\$395.00
	STE3000	Our patented hands-on enclosure includes RF tight viewing window and RF tight gloves for tuning access	(3) BNC, Filtered DB9 6 way filtered term 24V inside lighting	-100dB @ 1GHz -63dB @ 3GHz -50dB @ 6GHz	13"H X 18"W X 12"D	\$995.00
	STE3001	Our patented hands-on enclosure includes RF tight viewing window and RF tight gloves for tuning access	(3) TNC, Filtered DB9 6 way filtered term 24V inside lighting	-100dB @ 1GHz -63dB @ 3GHz -50dB @ 6GHz	13"H X 18"W X 12"D	\$995.00
	STE3010	Our same STE3000 series shielded test enclosure, without viewing window or RF tight gloves	(3) BNC, Filtered DB9 6 way filtered term 24V inside lighting	-100dB @ 1GHz -63dB @ 3GHz -50dB @ 6GHz	13"H X 18"W X 12"D	\$995.00
	STE3011	Our same STE3000 series shielded test enclosure, without viewing window or RF tight gloves	(3) TNC, Filtered DB9 6 way filtered term 24V inside lighting	-100dB @ 1GHz -63dB @ 3GHz -50dB @ 6GHz	13"H X 18"W X 12"D	\$995.00
	STE3200	STE3000 series with RF absorbent foam liner, double lip RF gasket, double RF window and gloves for microwave use	(3) BNC, Filtered DB9 6 way filtered term 24V inside lighting	-100dB @ 1GHz -85dB @ 3GHz -75dB @ 6GHz	13"H X 18"W X 12"D	\$1,395.00
	STE3201	STE3000 series with RF absorbent foam liner, double lip RF gasket, double RF window and gloves for microwave use	(3) TNC, Filtered DB9 6 way filtered term 24V inside lighting	-100dB @ 1GHz -85dB @ 3GHz -75dB @ 6GHz	13"H X 18"W X 12"D	\$1,395.00
	STE3210	Our same STE3200 series shielded test enclosure, without viewing window or RF tight gloves for microwave use	(3) BNC, Filtered DB9 6 way filtered term 24V inside lighting	-100dB @ 1GHz -85dB @ 3GHz -75dB @ 6GHz	13"H X 18"W X 12"D	\$1,395.00
	STE3211	Our same STE3200 series shielded test enclosure, without viewing window or RF tight gloves for microwave use	(3) TNC, Filtered DB9 6 way filtered term 24V inside lighting	-100dB @ 1GHz -85dB @ 3GHz -75dB @ 6GHz	13"H X 18"W X 12"D	\$1,395.00
	STE3300	Designed for microwave use. Includes RF absorbent foam, and double lip RF gasket for a tight RF seal at microwave freqs.	None provided standard. Custom configured per order	-90dB @ 2GHz -90dB @ 4GHz -80dB @ 6GHz	9.75"H X 18"W X 12"D	\$745.00
	STE4400	Similar to the STE3300, larger in size for production applications. RF absorbent foam and double lip RF seal standard.	None provided standard. Custom configured per order	-90dB @ 2GHz -90dB @ 4GHz -80dB @ 6GHz	15"H X 22"W X 18.5"D	\$1,595.00
	STE5000	The big one! Fits your largest devices for test. Includes RF absorbent foam liner and double lip RF gasket for microwave	(2) BNC, (2) Type-N Filtered DB9 4 way filtered term	-110dB @ 1GHz -100dB @ 3GHz -95dB @ 6GHz	19"H X 25"W X 25"D	\$3,495.00
	STE5001	The big one! Fits your largest devices for test. Includes RF absorbent foam liner and double lip RF gasket for microwave	(2) TNC, (2) Type-N Filtered DB9 4 way filtered term	-110dB @ 1GHz -100dB @ 3GHz -95dB @ 6GHz	18"H X 24"W X 24"D	\$3,495.00

CUSTOM CONFIGURATION OPTIONS

RF FEEDTHROUGH: BNC, TNC, SMA, UHF, Type-N
RF FILTERED DATA: DB9, D15, DB25, DB37
MISC. CONNECTORS: RJ45, RJ11, VGA, PS/2, USB, IEEE 1394, 4-Pole filtered power strip, 6-Pole filtered power strip, surge protected power strips
RF REFLECTIVE FOAM: Standard RF reflective attenuation foam provides 24 dB attenuation

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 Ramsey for specific connector specifications

COMPATIBILITY!

2.4GHz devices are commonplace today. But with the development of 802.11a, 5.6GHz devices are beginning to surface. We've got you covered at both bands! Whether you're testing or installing 802.11b, 802.11a, or 802.11g, one single STE Series enclosure will provide you the tightest test attenuation possible. Perfect for today, even better for tomorrow!

RELIABILITY!

Ramsey has been a leader in Wireless Test Equipment Solutions for over three decades! With the introduction of our patented STE3000, we proved to the world that you could effectively troubleshoot and test in an interference free environment without the expense of a full size screen room. And the quality and performance continues today...to 18GHz and beyond!

Visit us at www.ramseytest.com or call our wireless specialists at 800-446-2295 for details!



Test Equipment Solutions for the Wireless Industry

RAMSEY ELECTRONICS, INC. 590 Fishers Station Drive, Victor NY USA, (585) 924-4560 (585) 924-4555 FAX

www.ramseytest.com

Specifications subject to change
STESeriesRevB