STE3000F2

Key Features:

Included Interface Options
STEUSB2071
Included Power
6 Outlet 120VAC Power Strip
Included Ventilation
60MM Honeycomb Vents
I/O Plates Included
1
Loading Style
TOP
Warranty
1 YEAR

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Category
FORENSIC
Absorber/foam
3/4" INSERTION LOSS
External Dimensions
22.1"(W) X 12.9"(D) X 13.4"(H)
Internal Dimensions
18.7"(W) X 11.7"(D) X 8.6"(H) Shipping Dimensions
30"(W) X 23"(D) X 19"(H)
Approx. Shipping Weight
30lbs
Shielding Effectiveness (dB)
Isolation At 2.4GHz
>85dB
Isolation At 5.8GHz
>80dB

INCLUDES THE FOLLOWING STANDARD ITEMS:

- RF isolated 6-outlet 110VAC power strip
- RF isolated 6-pole feed-though terminal block
- RF isolated USB2.0 high speed interface
- 60MM Honeycomb Vents
- RF tight illuminated viewing window
- RF tight "hands-on" silver mesh gloves
- Wide variety of I/O options

For nearly two decades, the Ramsey Electronics STE3000 RF Test Enclosure has been the wireless industry standard for a benchtop RF test chamber that provide both visual and handsaccess to the device under test. As the term cellular forensics entered all of our vocabulary, it was natural that we also became the standard for that industry.

The STE3000F2 was designed to give the forensics technician the equivalent of a highly isolated screen room right on his bench to perform electronic device interrogations. The term cell phone has long been replaced with smartphones and with that, hands-on access and control of the device became essential. The smart phone is now a communications command console that incorporates email, text and SMS messages, document storage, picture, image, and media storage, notepad, journal, and a host of other functions and services. Each of those services has a history that is critical to access during a device interrogation.

Once the device is inside the STE3000F2, you can view it through the LED illuminated RF tight window. You then have hands-on access to the device through our silver mesh RF tight gloves. Whether you need to open a device, swipe it, turn it on, touch screen icons, change pages

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whatever you need to do, you can do, just as though the phone was in your own hands. After all, it is! This also allows you to connect power, chargers, and USB data communications to the device for connection to your interrogation hardware and software… all while the device is maintaining isolation from the carriers network regardless of the carrier or the frequency bands in use by them. The device is also fully isolated from WiFi signal sources, including 2.4 GHz, 5 GHz, and 6GHz and therefore covering any combination of 802.11a/b/g/n/ac/ax protocols. Just like our other forensics RF Test Enclosures, once secured from outside signals, the device is protected from remote kill commands, remote lock commands, remote self-destruct commands, as well as being protected from GPS and location tracking.

Once the device is transferred from the field to the STE3000F2, it can be charged with a standard 110VAC device charger using the built in RF filtered AC power strip. This can be particularly useful to maintain device power to eliminate the threat of a power-down lockout or self-destruct script being executed. As mentioned above, with hands-on access and real-time viewing, you can easily plug the device into an RF filtered USB interface to access it with your interrogation software. The STE3000F2 comes standard with our STEUSB2071 USB2.0 High Speed Interface, giving you high speed access to the device while maintain full RF isolation from the outside world.

The RF filtered AC power interface as well as the USB2.0 interface are located on the spacious universal removable I/O panel. This leaves plenty of room for a host of other I/O options that you may need to suit your specific test applications. From international power options to virtually every data and RF interconnect, we have the option available that you require.

The STE3000F2 is designed around the same heavy duty, rugged .090" and .125" aluminum used throughout all of our enclosures. It also features our custom engineered GEN-2 RF gaskets. With over a year in the R&D lab, these new gaskets provide a previously unheard of and flawless RF seal while being immune to the fixed compression set of typical stainless gaskets. Likewise, the STE3000F2 also features our GEN-2 RF absorbent and reflective foam lining. This foam was designed from the ground up, to our demanding specifications to provide maximum performance over all operating frequencies and bands.
Tamper-proof hardware and dual padlock latches prohibit unauthorized access and maintains the chain of custody for the devices collected.
If your department is looking to join the countless others that have made the STE3000F2 the standard RF Test Enclosure in the forensics industry, give us a call. If you are interested an electronic documentation version of the STE3000F2, check out our STE3000FAV2. We provide the same visual and hands-on access, but add a high resolution video/audio recording system to record and time stamp your entire device interrogation. Just like today's public safety dashcams, the evidence is in the video!

Features

- Designed for lab and bench visual forensics interrogations
- Perfect for (Wi-Fi 4, 5, 6, 6E (802.11a/b/g/n/ac/ax)
- Bluetooth, RFID, 3G, 4G, 5G testing
- RF tight hands-on access to your device
- RF tight illuminated viewing of your device

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- 3/4" GEN-2 high efficiency RF foam liner
- GEN-2 high efficiency RF gaskets
- Exclusive double lip RF seal
- Universal removable I/O panel

Isolation (**Base Enclosure**, may vary depending on I/O or options selected in final configuration):

- >85dB @ 2.4 GHz
- >80dB @ 5.8 GHz

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