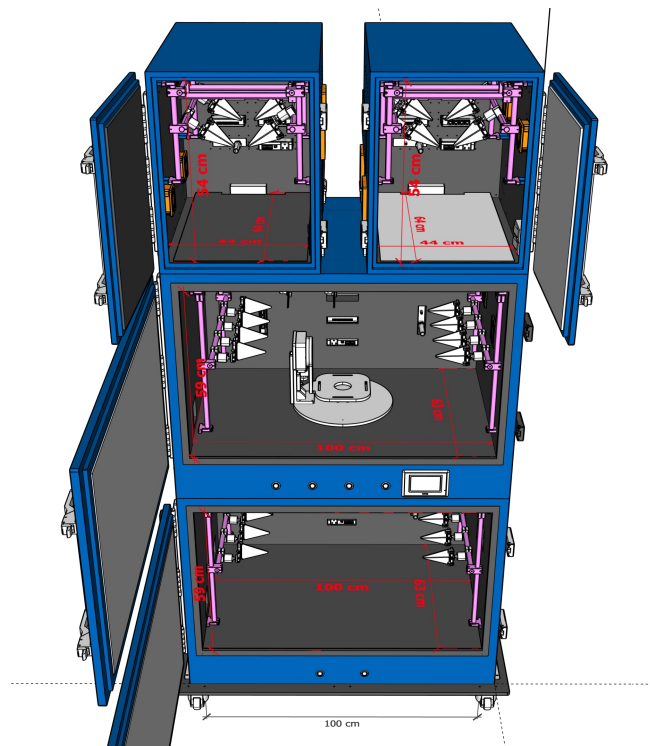


## 90db isolation integrated 4-chamber stack.

The CT840b-stack4 is an integrated stack of 4 RF Chambers, used to isolate WiFi and other RF equipment from the outside environment. This allows more repeatable testing options. In addition, when combined with RF attenuators and WiFi traffic generators, chambers can be used to create emulated mesh and mobility scenarios, including the TR-398 automated test suite. RF signal isolation is 90+db. No external wifi signals should be heard inside the chambers, and no internal wifi should be heard outside the chambers, even with the RF filters in use. The large DUT chamber has a 2D turntable. 3D positioner is available. Two smaller chambers on top are for WiFi Mesh nodes. The medium chamber on the bottom holds LANforge WiFi test equipment. A full complement of RF filters and SMA ports are included in the base price, and modular design allows new filters to be added easily.



Larger Images: [Front](#) | [Side](#) | [Front-Open](#)

NOTE: This product may have a different hardware configuration than the system pictured above.  
Refer to your official quote for details.

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## Hardware Specification

1. Integrated 4-Chamber RF Shield stack with 2D turntable (3D Positioner available).
2. Isolation: 90+ dB (full wifi isolation)
3. Frequency(GHz): 0.8 to 8GHz

4. Standard Interfaces: 20-60x SMA's, USB 3.0, USB-C, 3x 10G Ethernet, RF Coax, Fiber, fan, DC power, AC power. Other options available.
  5. RF Absorber material: -10dB to -20dB
  6. Includes built-in 2D turn-table with software automation support.
  7. Outside Dimension(mm): 1200(W) 800(D) 2300(H) Inches: 47(W) 31.5(D) 90(H)
  8. Weight: TBD kg
  9. Working Temperature: Normal room temperature
- 

## Additional Feature Upgrades

Unless otherwise noted in the product description, these features usually cost extra:

- WanPaths (LANforge-ICE feature set)
- Virtual Interfaces: MAC-VLANs, 802.1Q VLANs, WiFi stations, etc
- FIRE Connections: Base FIRE license includes 1000 active connections.
- LANforge-ICE Network Emulation.
- VOIP: Each concurrent call over the included package requires a license.
- VoIP-Mobile Audio Quality Testing using POLQA/PESQ.
- Mobile-Mobile Audio Quality Testing using POLQA/PESQ.
- Armageddon: Each pair of ports requires a license if not already included.
- RF Chambers for WiFi testing.
- External battery pack: 12+ hours for CT520, CT523, CT92X and other platforms.

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