



## Worry-free testing, wherever you want.

At our family-owned factory, we've harnessed our expertise in maximizing limited space to create a compact reverberation chamber with a lowest usable frequency (LUF) of 1GHz. This chamber, designed to meet EN61000-4-21/RTCA-DO160G criteria, is a testament to our commitment to quality.

We've made it even easier for you with a plug-and-play setup, including antennas and RF cables. All you need to do is find a socket to power it up, and you're ready for worry-free testing.

**COMTEST**

## Specifications

- Frequency range 1000MHz - 18GHz (optional 40GHz)
- Outside shielding dimensions: 1.35 x 1.05 x 1.6 m (h) / total height incl. castors/motor unit: 2,1m
- Working volume: 0.5 x 0.6 x 0.9 m (h) / max. EUT volume: 0.5 x 0.6 x 0.5 m
- Shielding effectiveness according to EN50147-1
- Field uniformity according to IEC61000-4-21 or RTCA-DO160G

## Chamber components

- 1 pc 18GHz honeycomb ventilation panel
- 1 pc Wall connector panel incl. RF connectors for Tx and Rx antennas (2 pcs N precision)
- 1 pc 1" brass waveguide for F.O. cable feedthrough
- 2 pcs Non-conductive antenna mounts for the Tx and Rx antennas
- 1 pc Manual operated RF shielded door 0.6 x 0.9 m incl. interlock switch
- 1 pc 16A single phase power line filters for EUT power outlets
- 1 pc Non-conductive test table 0.5 x 0.6 x 0.3 m
- 1 pc Vertical Z-fold stirrer system

## Chamber options

- EMC-hardened F.O. converters
- Three-phase, 400Hz or DC filters for EUT power
- Various waveguide solutions for liquids, gas, fire detection/exhaustion and F.O. cable penetrations
- Conductive top plate for test table incl. grounding straps for RTCA-DO160G testing
- 3mm aluminium panels or copper lining (RTCA-DO160G)

