FORCE Technology

Derisking Tomorrow



Data sheet

One of Northern Europe's strongest MIL-STD-461 portfolios, including NEMP*

Mobile reverberation chamber		
Description	EMC-shielded inflatable tent and test equipment transported, delivered, and collected in two 20 ft containers	
Site conditions and requirements	Environmentally shielded and controlled environment	
Electrical power supply	1 x 400 VAC, 50Hz, 32A	
Required floor space	15 x 25 x 8 m (WxLxH) and space for two 20 ft containers	
Dimensions	8.6 x 16.25 x 6.8 m (WxLxH)	
Door dimensions (large-scale access)	5 × 5 m (W×H). The tent can be erected around test objects that cannot pass through the 5 × 5 m door.	
Ready to test within 48 hours	Day 1: deployment - Day 2: chamber verification & calibration	
RS – radiated susceptibility	Field strength	+200 V/m
	Frequency range	10 kHz to 40 GHz
	NEMP & HEMP*	MIL-STD-461 RS105*
RE – radiated emission	Frequency range	9 kHz to 40 GHz
	Shielding effectiveness	IEEE-299
	A subset of supported standards	IEC 61000-series; MIL-STD-461; MIL-STD-464; MIL-STD-1275; MIL-STD-704; RTCA DO-160; STANAG 4868 (Old STANAG 4370); AECTP-250 and AECTP-500; DEF-STAN 59-411; VG-Standard; IEEE 299; RADHAZ

* Available from the end of 2027.

MIL-STD-461	Our services include the following																		
	CE101	CE102	CE106	CS101	CS103	CS104	CS105	CS109	CS114	CS115	CS116	CS117	CS118	RE101	RE102**	RE103**	RS101	RS103	RS105
Stationary testing services	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Deployable EMC field service	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

● Full scale test

Category	Standard	
Core EMC (defence / aviation)	MIL-STD-461	EMC Requirements for Military Equipment (Emissions & Immunity)
	RTCA DO-160	EMC and Environmental Testing for Avionics
	NATO AECTP 500	NATO EMC Test Requirements for Systems and Platforms
	NATO AQAP	Quality Assurance in Defence Programmes
Extreme environments	MIL-STD-461 CS117	Indirect lightning test
	MIL-STD-461 RS105*	NEMP / high-energy pulse*
	RTCA DO-160 section 22	Indirect lightning test (avionics)
	NATO AECTP 250 & 500	High-Energy and Electromagnetic Threat Environments
Facility / performance	IEEE 299	Shielding effectiveness
Expanded scope	MIL-STD-464	EMC Requirements at Platform Level
	MIL-STD-1275 / MIL-STD-704	Power Interface and Supply Systems
	IEC 61000-series	General EMC Standards and Requirements
	DEF-STAN 59-411	UK defence EMC Standard
	VG-standard	German Military Standard



Transported, delivered, and collected in two 20 ft containers

* Available from the end of 2027.

** Available as an open-area test site (OATS) measurement without the tent, supplemented by radiated emissions measurements in the tent operated as a reverberation chamber in accordance with IEC 61000-4-21.

Read about the service here
← Click or scan