

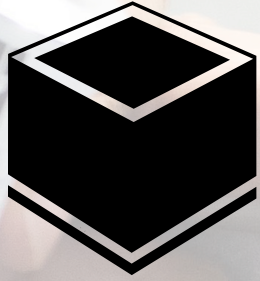
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DVTEST

Advanced RF Test Enclosures
Selection Guide

2021

BEST ISOLATION. BETTER RESULTS.

since 1985

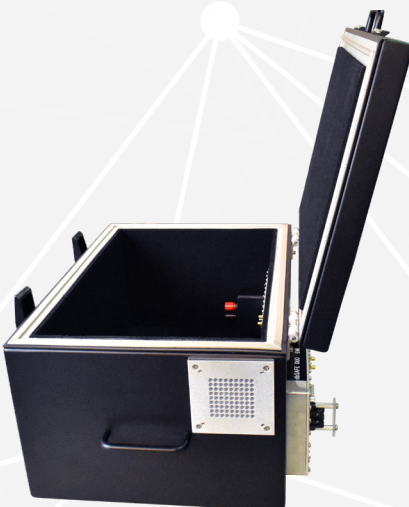
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RF Test Enclosure Products



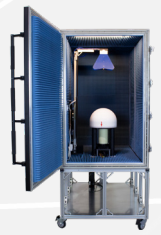
Loading Style
Chassis Wall Type
Use Case
Shielding Effectiveness (Isolation spec measured at each seam)
Tri-Shield® MIL-DTL-5541F Process
Frequency Range (GHz)
mmWave Frequency Extension Kit
Extreme Temperature Testing
Waveguide Cooling
Heavy Duty Rugged Frame Base
Custom Sizes Available
Positioner - Manual Rotation and/or Translation
Positioner - Full Spherical Pattern
Measurement Software (Optional)
OTA Performance Verification Tools Available
Warranty

Internal Dimensions W x D x H Inches (mm)
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dbSafe DUO Top loading

	dbCHECK	dbGUARD	dbTENT
	Clamshell	Clamshell	Front
	Single	Single	Double
	RF enclosures suitable for repair environments and compliance testing. Drop in replacements for Aeroflex & WillTek.	Robust RF enclosures recommended for high volume manufacturing and automated testing.	Portable RF enclosures suitable for on-site and temporary lab environments.
	> 90 dB	> 80 dB	> 90 dB
	0.3 - 18	0.3 - 18	0.3 - 18
	Some Models	Some Models	
	2Y	2Y	1Y
	dbCHECK 14 x 11.25 x 8 (356 x 286 x 203)	S 7 x 14.75 x 7.5 (178 x 375 x 191)	S 24 x 24 x 24 (610 x 610 x 610)
	dbCHECK+ 20 x 14 x 8 (508 x 356 x 203)	M 15 x 14.75 x 7.5 (381 x 375 x 191)	M 36 x 36 x 36 (914 x 914 x 914)
		L 18.6 x 16.5 x 8 (472 x 419 x 203)	L 48 x 48 x 48 (1219 x 1219 x 1219)
		Tablet Edition 15.25 x 14.75 x 3.75 (387 x 375 x 95)	XL 84 x 84 x 77 (2134 x 2134 x 1956)



dbSAFE CLASSIC	dbSAFE X	dbSAFE DUO	dbSAFE RME	dbSAFE TSE	dbSAFE MAX	dbSAFE ARMOR
Top	Top Front Rackmount	Top Front	Rackmount	Top Front	Front	Front
Single	Single	Double	Double	Double	Single / Double	Double
Economical RF enclosures for a wide array applications. Typically in stock ready to ship.	Versatile RF enclosures for lab use and compliance testing. Largest usable I/O panel in industry.	Customizable RF enclosure offering the most repeatable environment and best overall performance on the market.	19" and 23" EIA rackmount RF enclosure optimized for data throughput and regression testing.	Temperature and RF enclosure recommended for lab use, compliance testing, and research & development.	Customizable large format RF enclosure suitable for larger DUTs and test setups, automation, or multi-device testing.	Advanced, modular RF enclosures recommended for multiple frequency ranges and OTA applications.
> 90 dB	> 90 dB	> 100 dB	> 100 dB	> 100 dB	> 100 dB	> 100 dB
0.3 - 18	0.3 - 18	0.3 - 18	0.3 - 18	0.3 - 18	0.3 - 18	0.3 - 90
1Y	2Y	3Y	3Y	2Y	3Y	3Y
CLASSIC I 12 x 8.25 x 6 (305 x 210 x 152) CLASSIC II 17 x 11.25 x 8 (432 x 286 x 203) CLASSIC III 19 x 17 x 8 (483 x 432 x 203)	TOP S 18 x 12 x 8 (457 x 305 x 203) M 23 x 16 x 11.25 (584 x 406 x 286) L 24 x 18 x 12 (610 x 457 x 305) FRONT S 23 x 12 x 11.25 (584 x 305 x 286) M 23 x 16 x 11.25 (584 x 406 x 286) L 24 x 18 x 12 (610 x 457 x 305) R9 - 9U 21 x 15.75 x 15 (533 x 400 x 381)	TOP S 11 x 8.5 x 5.5 (279 x 216 x 140) M 17 x 11 x 8 (432 x 381 x 203) L 24 x 15 x 13 (610 x 381 x 330) FRONT M 17 x 11 x 8 (432 x 279 x 203) L 24 x 15 x 13 (610 x 381 x 330)	4U - 19" 14 x 20 x 4 (356 x 508 x 102) 7U - 19" 14 x 20 x 9.25 (356 x 508 x 235) 10U - 19" 14 x 20 x 14.5 (356 x 508 x 368) 10U - 23" 21 x 20 x 14.5 (533 x 508 x 368) 13U - 23" 21 x 20 x 19.75 (533 x 508 x 502)	TSE 16 x 10 x 7 (406 x 254 x 178) TSE Hybrid Upper: 16 x 9 x 6 (406 x 229 x 152) Lower (Thermal): 16 x 9 x 7 (406 x 229 x 178)	MAX DUO 18 x 24.5 x 30 (457 x 622 x 762) MAX DUO+ 32 x 32 x 32 (813 x 813 x 813) MAX X 24 x 24 x 24 (610 x 610 x 610) MAX X+ 36 x 32 x 36 (914 x 813 x 914)	3232 32 x 32 x 32 (813 x 813 x 813) 4242 42 x 42 x 42 (1067 x 1067 x 1067) 2418R Upper: 24 x 27.5 x 24 (610 x 699 x 610) Lower: 24.5 x 28 x 7 (622 x 711 x 178) 3270 32 x 24 x 70 (813 x 610 x 1778) 5242 52 x 42 x 42 (1321 x 1067 x 1067)



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