

# DVTEST

Advanced RF Test Enclosures  
Selection Guide

# 2021

**BEST ISOLATION. BETTER RESULTS.**

since 1985

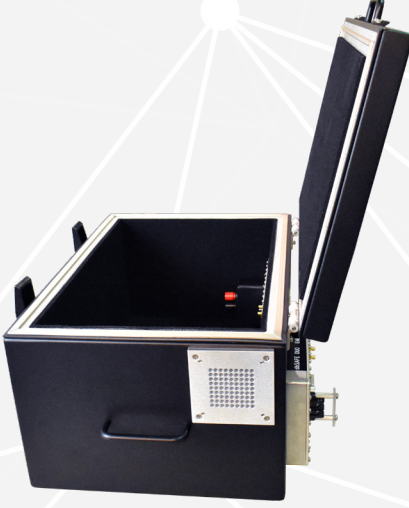
# DVTEST

## RF Test Enclosure Products



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

<b>Internal Dimensions W x D x H Inches (mm)</b>
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dbSafe DUO Top loading

	<b>dbCHECK</b>	<b>dbGUARD</b>	<b>dbTENT</b>
	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
	<b>dbCHECK</b> 14 x 11.25 x 8 (356 x 286 x 203)	<b>S</b> 7 x 14.75 x 7.5 (178 x 375 x 191)	<b>S</b> 24 x 24 x 24 (610 x 610 x 610)
	<b>dbCHECK+</b> 20 x 14 x 8 (508 x 356 x 203)	<b>M</b> 15 x 14.75 x 7.5 (381 x 375 x 191)	<b>M</b> 36 x 36 x 36 (914 x 914 x 914)
		<b>L</b> 18.6 x 16.5 x 8 (472 x 419 x 203)	<b>L</b> 48 x 48 x 48 (1219 x 1219 x 1219)
		<b>Tablet Edition</b> 15.25 x 14.75 x 3.75 (387 x 375 x 95)	<b>XL</b> 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
<b>CLASSIC I</b> 12 x 8.25 x 6 (305 x 210 x 152)  <b>CLASSIC II</b> 17 x 11.25 x 8 (432 x 286 x 203)  <b>CLASSIC III</b> 19 x 17 x 8 (483 x 432 x 203)	<b>TOP</b> <b>S</b> 18 x 12 x 8 (457 x 305 x 203)  <b>M</b> 23 x 16 x 11.25 (584 x 406 x 286)  <b>L</b> 24 x 18 x 12 (610 x 457 x 305)  <b>FRONT</b> <b>S</b> 23 x 12 x 11.25 (584 x 305 x 286)  <b>M</b> 23 x 16 x 11.25 (584 x 406 x 286)  <b>L</b> 24 x 18 x 12 (610 x 457 x 305)  <b>R9 - 9U</b> 21 x 15.75 x 15 (533 x 400 x 381)	<b>TOP</b> <b>S</b> 11 x 8.5 x 5.5 (279 x 216 x 140)  <b>M</b> 17 x 11 x 8 (432 x 381 x 203)  <b>L</b> 24 x 15 x 13 (610 x 381 x 330)  <b>FRONT</b> <b>M</b> 17 x 11 x 8 (432 x 279 x 203)  <b>L</b> 24 x 15 x 13 (610 x 381 x 330)	<b>4U - 19"</b> 14 x 20 x 4 (356 x 508 x 102)  <b>7U - 19"</b> 14 x 20 x 9.25 (356 x 508 x 235)  <b>10U - 19"</b> 14 x 20 x 14.5 (356 x 508 x 368)  <b>10U - 23"</b> 21 x 20 x 14.5 (533 x 508 x 368)  <b>13U - 23"</b> 21 x 20 x 19.75 (533 x 508 x 502)	<b>TSE</b> 16 x 10 x 7 (406 x 254 x 178)  <b>TSE Hybrid</b> Upper: 16 x 9 x 6 (406 x 229 x 152)  Lower (Thermal): 16 x 9 x 7 (406 x 229 x 178)	<b>MAX DUO</b> 18 x 24.5 x 30 (457 x 622 x 762)  <b>MAX DUO+</b> 32 x 32 x 32 (813 x 813 x 813)  <b>MAX X</b> 24 x 24 x 24 (610 x 610 x 610)  <b>MAX X+</b> 36 x 32 x 36 (914 x 813 x 914)	<b>3232</b> 32 x 32 x 32 (813 x 813 x 813)  <b>4242</b> 42 x 42 x 42 (1067 x 1067 x 1067)  <b>2418R</b> Upper: 24 x 27.5 x 24 (610 x 699 x 610)  Lower: 24.5 x 28 x 7 (622 x 711 x 178)  <b>3270</b> 32 x 24 x 70 (813 x 610 x 1778)  <b>5242</b> 52 x 42 x 42 (1321 x 1067 x 1067)

