



APPLICATION

The Cubic Desk Top system is designed for applications such as test and instrumentation equipment, including technology used in-house for testing products in development or process.

CONSTRUCTION

Standard sizes are available to suit most equipment configurations, and RFI shielding capability enables screening from emissions and immunity to prevent conflict with other equipment. The extensive choice of sizes makes it easy for equipment manufacturers to build product families sharing a uniform appearance and image. Cubic enclosures are also ideal for portable test equipment, thanks to the rugged build and exceptionally strong corner construction. All paneling is trapped within the extrusion by an IP55 environmental rubber seal, which prevents rattling.

UPGRADEABLE EMC SCREENING

The EMC screening is achieved through gaskets fitted in-board of the IP seals. The gaskets are therefore protected from any moisture contamination. The level of screening can be increased by reducing the interval between each gasket, so finely tuned screening levels can be achieved without incurring the costs of unwanted higher performance. The screening level achieved is 40dB from 100MHz up to 500MHz.

DUST AND SPLASHPROOFING TO IP55

The range complies with IP55 ingress protection standard, with snugly fitting rattle-free covers that protect against dust and water ingress (when subjected to low pressure water jets from all directions).

EARTHING UP TO CLASS 1

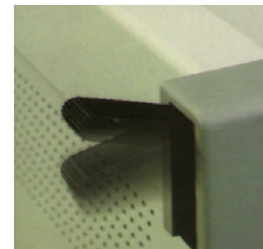
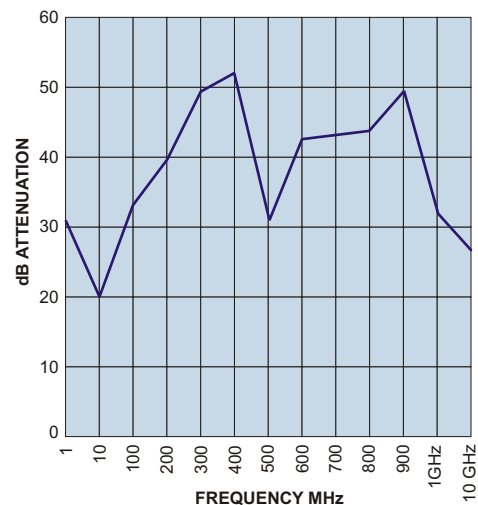
Cubic's design provides impressive integral strength as well as highly efficient bonding. Specially designed corner joints allow full LVD approved earth bonding, via the joints. Up to Class 1 bonding can be specified, providing sufficient earth protection to house an open-framed PSU. Earthing at each corner also enhances the shielding performance and avoids the need for earth wires, which can snag and make a unit unsafe.

TRANSPORTABILITY

Cubic enclosures feature excellent structural integrity tuned for maximum resistance to all forms of shock and vibration. For units that need to be transported, the Cubic range meets LVD requirements with a tough hinged carrying handle that takes full account of dynamic loading and safety. Users can be confident that the handle will not fracture even when subjected to four times the normal static load.

VARIABLE DEPTH MOUNTING

Variable-position front and rear equipment amounting uprights, permit recess mounting, if required. Angle supports can be added to independently support heavier equipment. Solid or glass doors can be hung to left or right, top or bottom and with 180° opening for total access.



Desk top tip-up feet

ORDER CODES

CUBIC DESK TOP CASES

H	W = 19" x DEPTH				
	300	400	500	600	800
3U	430000	430001	430002		
4U	430004	430005	430006		
6U	430008	430009	430010	430011	
7U		430013	430014	430015	
9U		430017	430018	430019	
12U		430021	430022	430023	
16U			430026	430027	
21U			430030	430031	

ORDER CODES

CUBIC DESK TOP TOWER

H	W = 19" x DEPTH				
	300	400	500	600	800
3U		433000	433001		
4U		433002	433003		