

● Taking enclosures into a new dimension

CUBIC

THE NEW RANGE OF MODULAR ENCLOSURES FROM SRS

● Imagine enclosures that form a living part of the product

Enclosures that offer true versatility and powerful performance in a variety of environmental conditions.

Enclosures designed with image in mind, with features that industry needs.

You've just imagined Cubic, the robust and cost-effective new range of modular enclosures from SRS.

Made by experts

SRS have been enclosures experts for more than 30 years. The company was originally STC Enclosures, and became Subrack System Products Limited after a buyout in 1986. Ongoing investment in people, processes and products has enabled the company to keep ahead of rapidly changing consumer needs. Cubic is the latest in a long line of innovative, market-led products that have helped to build our reputation for providing premium quality, high performance enclosures at realistic prices. All designs and materials specified in the Cubic range conform to national and international standards, with full traceability within an ISO 9001 approved company.

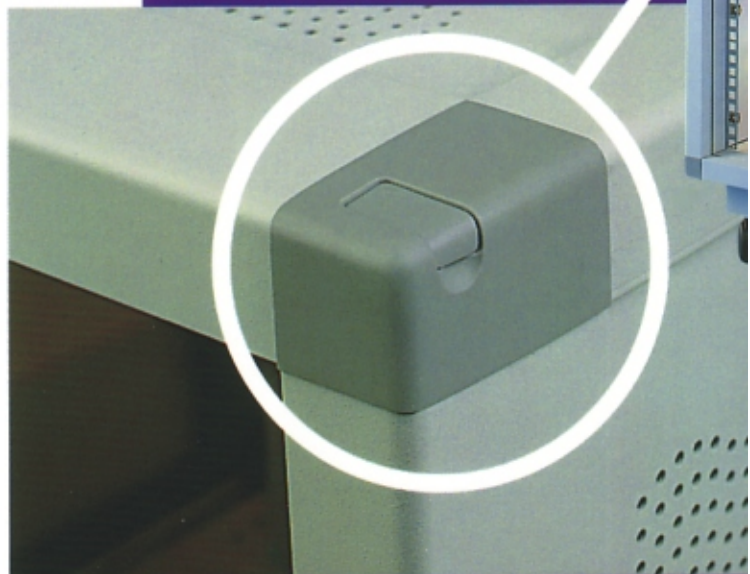
Designed for manufacturers

The Cubic range offers high levels of performance and versatility with up-to-the-minute styling. This unusual blend of function and aesthetics maximises the appeal of Cubic to manufacturers, retailers and end users alike. The enclosures are designed for desk top, wall mounting and floor standing use. Safety-compliant carrying handles can be added and all desk top units have built-in tip-up feet to allow angled display. The enclosures are suitable for a wide variety of equipment type standards and environmental conditions. They can be specified in many different configurations, making it viable to construct purpose-built units without blanking panels. The key features of the range are compliance with IP55, variable EMC screening, integral earth bonding up to Class 1, integral housing flexibility and rugged construction for maximum durability. A wide range of sizes is available from stock, covering heights from 3U to 21U and depths from 300mm to 500mm. However, thanks to Cubic's modular construction, requirements for other sizes can easily be met.



Cubic Desk Top Enclosure

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. Standard sizes are available to suit most equipment configurations, and the 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 panelling is trapped within the extrusion by an IP55 environmental rubber seal, which prevents rattling.



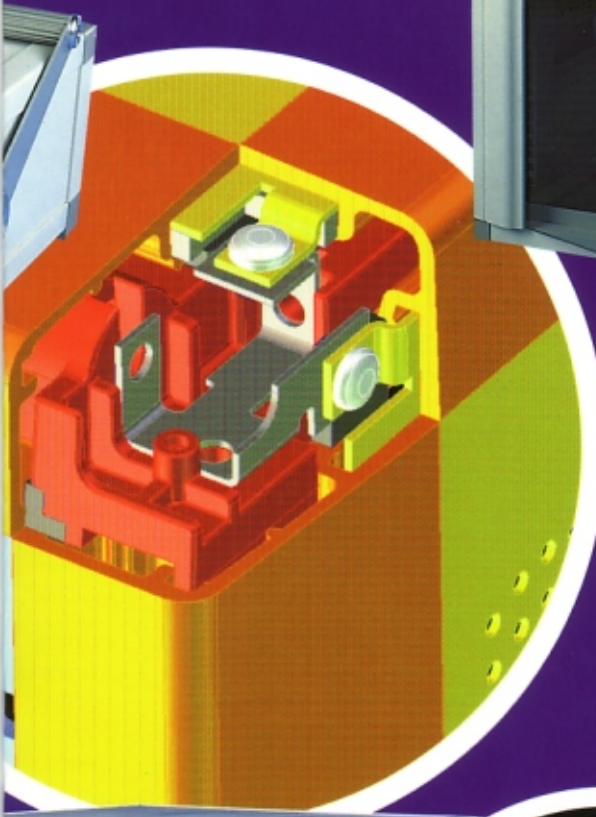
180° door opening



Wall enclosure mounting frame



Desk top tip-up



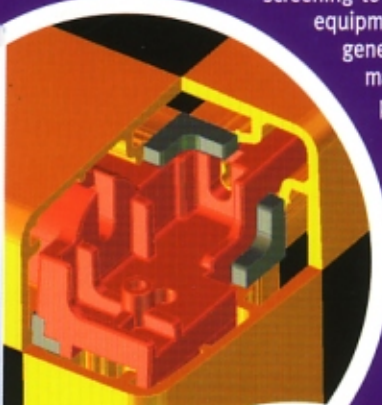
Cubic Wall Enclosure

Cubic Wall Enclosures are designed for indoor and outdoor installations where floor space is limited, or where wall-mounting would be beneficial. The enclosures are suitable for a wide variety of applications, including housing termination/patch panels for routing cabling within a communication/data network, or in more industrially orientated installations, for housing control and instrumentation equipment linked to continuous process machines. The latter units typically require RFI screening to protect the equipment from emissions generated by the manufacturing process. A glass door enables LED's or monitors to be viewed without opening the unit.



Cubic Tower Enclosure

Cubic Tower Enclosures are designed for use in offices, laboratories and other environments where floor space is at a premium. By utilising unused room under desks, tower units release valuable desktop space. They accept standard rack-mounting equipment in a variety of positions, and can easily be fitted with computers and peripheral equipment such as disc drives, CD ROMs and modems. By fitting castors, towers can easily be relocated, so they are ideal for test or shared equipment. The EMC shielding and earthing performance actively protects both operatives and equipment to ensure a safe working environment.



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 easily 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 typical 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 penetration 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 of the enclosure frame and cladding, 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 fitted, hung to right or left, top or bottom and with a 180° opening for total access.



SPECIFICATION AND FEATURES

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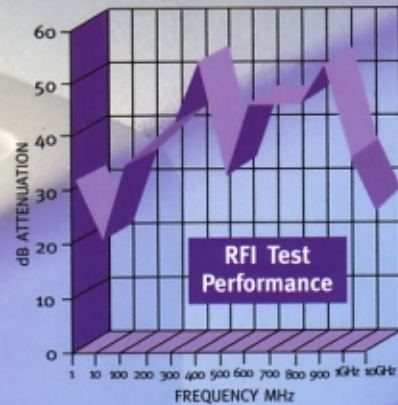
DESK TOP ENCLOSURE		(Standard Sizes)			
		Depth			
Height	Width	300	400	500	600
3U	19"	●	●	●	
4U	19"	●	●	●	
6U	19"	●	●	●	●
7U	19"		●	●	●
9U	19"		●	●	●
12U	19"		●	●	●
16U	19"			●	●
21U	19"			●	●
3U	10.5"	●	●		
4U	10.5"	●	●		

WALL ENCLOSURE		(Standard Sizes)	
		Depth	
Height	Width	300	400
4U	19"	●	●
6U	19"	●	●
7U	19"	●	●
9U	19"	●	●
12U	19"	●	●
16U	19"	●	●

Notes on Sizes

Height= Internal where 1U=44.45mm
 Width=Internal mounting for standard 19" 84hp or 10.5" half width 42hp
 Depth=Overall External
 Other sizes available on request.

TOWER SYSTEM		(Standard Sizes)			
		Depth			
Height	Width	400	500	600	800
19"	3U	●	●		
19"	4U	●	●		
14U	6U			●	
9U	19"			●	●
12U	19"			●	●
16U	19"			●	●
21U	19"			●	●



FEATURES	EMC	IP55	PLINTH	RECESS MT6	EARTH CLASS 1	DOOR 180°	TIP-UP FEET	HANDLE
DESK TOP ENCLOSURE	● ¹			●	●		●	●
WALL ENCLOSURE	● ¹	● ¹		●	●	●		
TOWER SYSTEM	● ¹	● ¹	●	●	●	●		

1) WITH DOOR OR PANEL FITTED



CUBIC

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