Press information

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**RackCase PRO keeps things moving for Faraday Motion Controls**

Faraday Motion Controls specialises in the high technology and scientific communities. The Jet Torus Tokamak depends on its Delta Tau technology to control the complicated multi axes mechanical handling equipment and the innovative Diamond Light research project in Oxfordshire has over 1000 axes of motion controlling the motors that set the graticules and other light beam deflecting devices. Verotec supplies custom versions of its aluminium RackCase PRO 19 inch rugged rack mount chassis in seven different configurations, all available on short lead terms as and when specific variants are required.

The heavy duty extruded side plates can support heavy loads mounted into 12 separate channels into which tapped strips or individual M4 captive nuts can be positioned. Once assembled with the front and rear panels, RackCase PRO is strong and rigid. The 3U high 460mm deep unit provides all round access during assembly with the top and base covers simply sliding into place once the housed electronic components and modules have been assembled and interconnected. Conductive gaskets between all components of the assembly ensure conductivity throughout the unit, providing good EMC capability as standard.

For Faraday, the side plates are common across all variants. Multiple variants of front and rear panels are punched and silk screened to suit the required system configuration and vented or plain top and base covers are available as needed. The rear panels are formed from aluminium sheet to give improved rigidity after assembly. New panel layouts are CAD designed very quickly as the customer’s requirements evolve for different projects, and finished panels of all designs are held ready for despatch ex-stock.

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**Notes to editors.**

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