

Portable Instrument Enclosures



METCASE has launched portable versions of its new 'UNIMET-PLUS' instrument enclosures. These modern and versatile housings have been designed for desktop and portable electronics equipment.

Typical applications will include portable test and measurement instruments, medical and wellness technology, industrial control, interfaces, peripherals and communications equipment.

The UNIMET-PLUS range is available in six standard sizes with external dimensions from 1.96" x 9.05" x 7.59" to 5.90" x 13.77" x 10.35". The portable models are fitted with a robust bail arm/carry handle bar which can be indexed in 30° increments. The handle is used for comfortable carrying of the device on the move, and canting of the unit on a desk to improve the viewing angle of the displays and controls.

The aluminum construction consists of a base panel assembly with two chassis plates and snap-in guides. The top cover, front bezels and rear panel are all mounted to the base panel assembly. The bezels are powder painted in window gray, RAL 7040 and the case body is in light gray, RAL 7035.

UNIMET-PLUS enclosures are designed for systems with more than one PCB. Up to four PCBs can be fitted to the internal chassis plates using the four snap-in polyamide guides supplied. Additional guide positions and guides can be specified on demand.

There are no visible fixing screws on the case body; the base and chassis assembly is fitted to the bezels and the top cover is captured by the assembly. The accessory

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front panels are recessed in the bezels to protect the controls, and the fixing screws are hidden under two ABS trims.

The recessed rear panel is designed for mounting power inlets, connectors and on/off switches. Four self-adhesive non-slip feet are also included in the kit. Moulded ABS tilt feet are offered as accessories. Prices start at \$133.

METCASE offers a full customizing service on the UNIMET-PLUS enclosures with bespoke sizes, CNC punching, milling and drilling, silk-screen printing and much more.

OKW Enclosures Inc.

www.okwenclosures.com [1]

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