Instrument Enclosures Feature All-Aluminum Construction

METCASE has developed an all new range of instrument enclosures – the UNIMET-PLUS series. These housings have been designed for desktop and portable OEM electronics equipment. Typical applications will include test and measurement equipment, medical and wellness technology, industrial control, interfaces, peripherals, communications and laboratory equipment. The UNIMET-PLUS enclosures are similar in size to the popular UNIMET Series; however, they have a completely new internal design and assembly technique. An internal chassis incorporates four horizontal guide positions for slide-in PCBs, rather than simple mounting holes in the base panel for the PCB. Whereas the UNIMET series was designed for single board electronics equipment, the new UNIMET-PLUS range is designed for multiple PCBs which are fitted to the internal chassis plates using the four snap-in polyamide guides supplied. Additional guide positions and guides can be specified on demand. This range is available in six standard sizes with external dimensions from 1.96” x 9.05” x 7.59” to 5.90” x 13.78” x 10.35”.

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

UNIMET-PLUS has no visible fixings on the case body; the base and chassis assembly is fitted to the bezels and the top cover is captured by the assembly The front panels, which are available as accessories, are recessed in the bezels to protect the controls, and the fixings are hidden under two ABS trims.

The removable rear panel is also recessed and is ideal for mounting power inlets, connectors and on/off switches. Four self-adhesive non-slip feet are also included in the kit. Molded ABS tilt feet are also offered as accessories.

For portable applications, all UNIMET-PLUS can be ordered with a robust and

attractive bail arm/carry handle bar. This can be also be indexed at 30o intervals for convenient canting on a desk. Prices start at $81.

METCASE
800-965-9872, www.metcaseusa.com [1]

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