

Electronic Enclosures for Caustic Environments

The 709 Series of air-cooled rugged electronic enclosures protects computer cards in caustic environments with applications in drilling and exploration equipment, chemical processing facilities, and industrial plants. The series is configured for flexibility, accommodating up to 20 slots for VME64, VME64x, VXS, VPX, VXI, or CompactPCI cards and ranging in size from 8U to 15U high and 20.5 in. deep. Available in AC/DC or multiple-output power configurations of up to 2,000 W, the unit's cooling system can also be configured as pressurized, evacuation, or combination push/pull. Featuring either overlapping bolted or welded construction, the EIA rack-mountable enclosures are engineered to withstand severe shock and vibration. Cards are impervious to harsh environment contaminants thanks to advanced air filtration. Units can be configured to include an internal card cage shock isolation system and meet drip-proof and splash-proof requirements. The chassis can also be outfitted with shock isolated peripheral bays and be configured to meet the highest EMI requirements.

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