DESCRIPTION
DP-VME-8001 is a compact high performance, high reliability 9U VME chassis. The DP-VME-8001 provides the right platform options to meet system integration needs. The chassis complies with the features defined by the VME specifications. Rugged features, modular construction, integrated cooling are available. The DP-VME-8001 is available with high-performance 4 - 14 VME slot backplane and various power supply configurations.

FUNCTIONAL DESCRIPTION
DP-VME-8001 9U chassis has provisions for hard disk mounted vertically on specially designed vibration damped HDD mounts. This design is aesthetically appealing and provides reliability. The chassis has the provision to mount Compact Combo drives with CD ROM drive and 3.5 inch floppy drive in a single casing. The DP-VME-8001 can be utilized for 4 - 14 slot application requirements. It is fitted with reliable power supply with EMI filters and has a compact structural design. DP-VME-8001 chassis is a versatile, flexible platform to build any standard VME application. DP-VME-8001 is provided with a VME 64x backplane.

POWER SUPPLY
The DP-VME-8001 has provision to accommodate various type of power supplies depending on the requirement. The system can be made available with

- Standard ATX power supply
- Redundant hot swappable ATX power supply
- DC input power supply
- VME power supply

COOLING
Cooling fans integrated with the Chassis provide filtered forced-air cooling. The fans provided are additional to the cooling fans on the power supply. The fans are placed beneath the card cage covering the full card size to provide maximum cooling for the modules. Adequate cooling reduces operating temperature and prolongs the operational life of modules.

KEY FEATURES AND BENEFITS
- Accepts both 3U & 6U modules
- Filtered, forced-air cooling
- Integrated power supplies
- VME specifications compliant
- Multiple power supply options
  - 2x300W redundant removable power supply with 230V AC input.
  - Battery backup provision
- Front & rear doors
- Protected illuminated On/Off switch
- EMC integrated system in 19" rack mount design.
- 160mm Card depth for 6U cards
- Ventilation from the front bottom via the card cage to the top rear
- Integrated LED for output voltages
- Recessed card cage for better cabling

APPLICATIONS
- Automatic Test Equipment
- Data Acquisition System
- Factory automation
- Simulation systems
- Lab based validation systems
ORDERING INFORMATION

DP-VME-8001-xxx*  9U VME Chassis

*This will be defined by the factory based on the application requirement.
Contact factory for other versions of VME chassis.

Chassis Airflow Diagram

Three cooling fans are provided over the entire area of the chassis to provide adequate cooling for the modules.