

The Chell AMS2000 is a precision air delivery system for cooling electronics. It provides a known flow rate of air which can be controlled via a computer interface.



- ***Provides flow rates up to 45 litres/second***
- ***Flow rates measured and controlled to 2% accuracy***
- ***Serial interface control.***
- ***Pressure output to facilitate blockage detection***
- ***Full self-diagnostics and self test functions built in.***

### Chell AMS2000

The Chell AMS2000 is a device which delivers a known quantity of cooling air. This cooling air can be used for electronics or other devices. The system consists of a fan, a flowmeter and a computer control system. The system uses the output of the flowmeter to give a closed loop control of the flow. The system will therefore always deliver the required flow regardless of the condition of the unit being cooled (within reasonable limits).

The AMS2000 also features a pressure measurement of the output flow. This is available over the serial interface and can be used to detect blockages in the unit being cooled.

The serial interface responds to a series of commands which can be generated by the supplied software or a third-party program. These commands can control all of the functions of the AMS2000 and can provide feed back data on flow rate and pressure.

The AMS2000 shown here was for a Naval application and conforms with the appropriate manufacturing techniques. The technology in the AMS2000 can be re-packaged into a number of different configurations if required.