

MODEL 80C – VACUUM PUMP/COMPRESSOR SET

In this configuration, the compressor is oil-less with a maximum pressure of 50 psi with an open flow of 1.5 cfm. The vacuum pump is also oil-less and can achieve 28.5 inHG of vacuum with an open flow of 0.8 cfm. In avionics terms, this set is capable of 60,000 feet of altitude and airspeeds in excess of 1000 knots. Both units are shock mounted to reduce noise and vibration. Each unit has a separate power switch/breaker and can be run independently.

This same system can also be produced in a standard 19 inch, 4U (7" high) rack mount chassis.



MODEL 81 – DUAL VACUUM SINGLE COMPRESSOR

The Mensor Model 81 contains two independent vacuum pumps and a single compressor. It is designed to complement the requirements of an Air Data Test Set (ADTS). The unit is housed in a desktop or rack mountable enclosure similar in style to the Mensor 8201 ADTS. The compressor is an oil-less pressure pump with an open flow of 1.5 cfm and a usable pressure of approximately 50 psi. The unit can achieve as much as 75 psi maximum under certain conditions. The vacuum pumps are also oil-less and each can achieve a vacuum of 28.5 inHG with an open flow of 0.8 cfm. In avionics terms, this set is capable of 60,000 feet of altitude and airspeeds in excess of 1000 knots. All three units are shock mounted to reduce noise and vibration. Each unit has a power switch/breaker and can be run independently. A photo of rack mount configuration is shown. The desktop unit is similar without the rack mounting ears and rack slides.

