



## Merlin Air Systems for Quadraplex VTR's

### Vacuum Venturi Kit

The Merlin ME-01 kit is a complete system to replace the mechanically driven guide vacuum pump in any Ampex quad VTR. High pressure air fed through filters to regulate the venturi vacuum generator, providing a quiet, stable source of guide vacuum—completely free from maintenance problems. The ME-01 kit includes all hardware and air fittings and can be installed in less than two hours. The ME-02 is a similar kit for RCA VTR's and includes a stable air source for the air guides.

### Air Bearing Kit

These air bearing kits allow for conversion of older VTR's to the newer air bearing type video heads. The kits contain all necessary filters and regulators, an air reserve tank and safety interlocks. A drill jig is provided to modify the transport top plate without removal from the VTR. All necessary brackets, hardware and air lines are included.

The ME-03 kit has all equipment mounted on a panel which replaces the rear panel of the overhead bridge support on all Ampex VR1100 and VR1200 models. The ME-04 kit is supplied as a complete replacement monitor bridge neck assembly. Head air and guide vacuum gauges can be monitored from the front of the VTR.

- ME-01 Vacuum Venturi Kit Ampex VTR's
- ME-02 Vacuum Venturi Kit RCA VTR's
- ME-03 Air Bearing Kit (Bridge Mount)
- ME-04 Air Bearing Kit (Bridge Neck)

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