

### Varian 959 Porta Test Leak Detector Vacuum Test Capability

K+S Services utilizes a number of various pieces of testing equipment to fully test all vacuum products. We use the Varian 959 Porta-Test Leak Detector which has a minimum detectable signal / sensitivity of  $2 \times 10^{-8}$  atm cc/sec (helium) sniffing mode to detect leaks in accordance with AVS standard 2.1 .

We also use the “SenTorr” gauge controller in conjunction with the “524 Cold Cathode Ionization” gauge to measure vacuum down to  $1 \times 10^{-8}$  Torr. We additionally utilize the “ConvecTorr” gauge to test  $1 \times 10^{-3}$  Torr to atmosphere.

