

# Varian 450-GC/212-LC/320-MS

## Gas Chromatography/Liquid-Chromatography-Mass Spectroscopy

### Supported By: Agilent Technologies

#### **Varian 450-GC/212-/LC/320-MS**

The Varian 320 triple quadrupole mass spectrophotometer provides maximum performance for pharmaceutical, toxicological, environmental, and other applications requiring quantitation in a heavy matrix. The 320-MS is flexible, affordable, and easy to use making it an ideal system for both a GC/MS (450-GC) and LC/MS (212-LC) interface.

The 320-MS delivers high sensitivity with low noise and less maintenance. The patented API interface, with its dual off-axis needle and capillary provides efficient desolvation with minimum contamination. A high performance skimmer and quadrupole ion guide allow maximum ion transmission for outstanding signal intensity. Varian's patented 180° curved collision cell provides additional noise reduction for difficult matrices. You get the benefits of a detector that is off-axis to the source without the use of a conversion dynode.

#### **Additional benefits include:**

- Switch from LC to GC interface and back again
- Change ionization modes between ESI and APCI
- GC sources include: EI, PCI and NCI
- Femtogram sensitivity

#### **Flexible, Rugged, Sensitive**

- Varian's patent pending, computer-controlled gas temperature (SelecTemp™) and flow (SelecFlow™) give you the flexibility to develop methods with greater ruggedness and sensitivity. An integrated syringe pump and six port valve, with time-programmable software control, accelerate method development.