

GC-MS-FID with head space trap (Perkin Elmer)



The Clarus SQ 8 GC/MS sets a new benchmark for sensitivity and stability with a unique Clarifi detector that delivers both enhanced performance and superior longevity. The Clarifi detector gives flexibility to choose your ideal level of sensitivity and dynamic range, allowing you to adjust the instrument's performance to suit a particular analysis. The system's extreme sensitivity also delivers superior throughput and productivity by minimizing instrument calibration requirements and reducing the need for sample preparation and concentration.

High-Voltage Conversion Dynode — Optimizes electron multiplication for greater sensitivity and longer lifetime

Constrictor Lens—Further focuses the ion beam as it leaves the analyzing quadrupole

Electron Multiplier—Discrete dynode design outperforms and outlasts low-cost continuous dynode systems

Ion Deflector—Turns the ions, filtering off any noise and passing only ions of interest to the high-voltage conversion dynode for exceptional analyte signals and better detection limits