

# Pegasus<sup>®</sup> BT Modulators

## Overview

The LECO Pegasus BT GC-MS is a benchtop design with on average ~50x more sensitivity than previous generations. The Pegasus BT series has three types of GCxGC modulators available that cleanly fit into the Agilent gas chromatograph. These modulators are offered at various price/performance points.



All LECO Pegasus systems come fully equipped (less utilities) and include installation, warranty, NIST library, PC, monitor, Windows 10, ChromaTOF<sup>®</sup> software, and training certificate. Freight and local taxes would be an extra charge. Optional autosamplers are available.

### Liquid Nitrogen (LN<sub>2</sub>) Modulator

This QUADJET<sup>™</sup> design is the industry gold standard and provides the best performance for complex separations with the best sensitivity, and provides the most comprehensive GCxGC sample information.

### Consumable-Free Modulator (CFM)

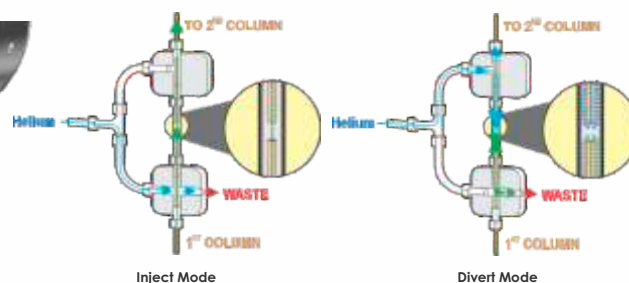
This QUADJET design is similar to the LN<sub>2</sub> design, however this modulator's temperature doesn't get as cold, so there may be some loss in performance for high-volatile compounds. The initial cost is near that of the LN<sub>2</sub> modulator, but it is less expensive to operate over the life of the instrument.



QUADJET Modulator

### FLUX<sup>™</sup> Flow Modulator (FLUX)

This is a pulsed valving modulator where the majority of your sample goes to waste. The FLUX Modulator is simple to use and operates via a ChromaTOF software toggle. The FLUX modulator makes sense for laboratories with complex, higher concentration samples. The Pegasus BT FLUX system is an excellent entry point to comprehensive GCxGC, while providing all of the performance of the Pegasus BT GC-MS.



FLUX Flow Modulator