



ATLAS At-Line Sampling Module

A portable sampling unit that allows
solid and liquid samples to be analyzed
with Lonestar



The ATLAS module (left) and the Lonestar Analyzer with ATLAS module (right)

Owlstone's Lonestar Analyzer detects and quantifies chemical compounds in the vapor phase. The ATLAS at-line sampling module extends its analytical capabilities to liquid and solid samples by using headspace sampling. Volatile solid or liquid samples are placed into the ATLAS sample holder, and vapor given off by the sample collects in the space above it. Once a sufficiently high concentration of the vapor has accumulated, it is swept into the Lonestar by a clean, dry air flow. To increase the rate of evaporation from the sample, the ATLAS module can be equipped with both a heater and a magnetic stirrer.