

## **gaseous diffusion separator**

*in atmospheric chemistry*

Instrumentation to separate a gas mixture into its components by means of differences in the diffusion rates of the component molecules. This method has been used in separation of various isotopes of uranium (by means of UF<sub>6</sub>) and hydrogen (H<sub>2</sub>O, HDO, D<sub>2</sub>O, HTO, etc.)

**Source:**

PAC, 1990, 62, 2167 (*Glossary of atmospheric chemistry terms (Recommendations 1990)*) on page 2192