

## Vapor Pressure Evaluation System VPE-9000

Page | 1



Stable changes in weight in a high vacuum

This system evaluates saturated vapor pressure and the thermal behavior of organic materials. An exhaust method is employed that allows stable measurements even in a vacuum. Achieves precise temperature controllability and responsiveness with the Infrared Gold Image Furnace.

### A patent and a standard

Joint patent with ULVAC Inc. (Japan patent: 3195816)

### Applications

- Measures the saturated vapor pressure of organic materials
- Sublimation purification simulations
- Measures changes in weight in a vacuum

## Features

- Finds the evaporation conditions of polymer materials
- Changes in weight at a constant pressure

## Specifications

Vapor Pressure Evaluation System	
Type	VPE-9000
Measurement Properties	Changes in weight in a vacuum
Temperature Range	RT to 1100 °C
Sample Volume	φ4.5mm×4mmH (約0.05mL)
Measurement Atmosphere	Vacuum, Inert gas, Air
Applications	<ul style="list-style-type: none"><li>• Pressure control system</li><li>• Sublimation purification simulation sample vial</li></ul>