

Glovebox

A glove box is designed to handle products that are sensitive to atmospheric components (e.g. O₂ and H₂O). Inside, a neutral gas environment is maintained, such as dry air, nitrogen, or, in our case, argon. The glove box is connected to a purification module, which purifies the inert gas atmosphere by removing oxygen and moisture. The module also provides the glove box with overpressure or underpressure in relation to its environment. Our glove box was modified to facilitate using an Atomic Force Microscope inside. This enables the study of surface morphology of sensitive materials without exposing them to the ambient atmosphere.

