Portable air sampler

Portable air samplers can be used in botany labs to collect air samples for the analysis of airborne particles, pollutants, and microbial content.

Purpose:

- It's used to collect airborne particles, such as pollen, spores, bacteria, and other microorganisms.
- These samples are then analyzed to study various aspects like:
    - **Allergy Research:** Identifying and quantifying airborne allergens.
    - **Plant Disease Monitoring:** Tracking the spread of plant diseases.
    - **Microbial Ecology:** Studying the distribution and diversity of airborne microorganisms.
    - **Environmental Monitoring:** Assessing air quality and identifying potential sources of microbial contamination.

Key Features:

- **Portable:** The compact size and handle suggest it's designed for easy transportation and use in different locations.
- **Economical:** The name "Economical" likely indicates that it's a cost-effective option compared to other air samplers.
- **Digital Display:** The device has a digital display, probably to show sampling parameters like flow rate, time, and volume.
- **Controls:** It appears to have buttons or controls for adjusting settings and starting/stopping the sampling process.