

CLINOSTAT

Meaning: A clinostat is an instrument used to simulate microgravity conditions by rotating a sample to study the effects of gravity on biological systems, particularly in plant research.

1. The clinostat is an essential instrument for studying plant responses to gravity.
2. Researchers used a clinostat to simulate microgravity conditions in their experiments.
3. Adjusting the speed of the clinostat can significantly influence the growth patterns of the tested plants.
4. In botanical research, a clinostat helps to eliminate gravitational bias during plant development studies.
5. The development of the clinostat has advanced our understanding of plant behavior in non-Earth environments.

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