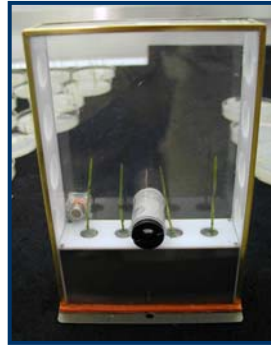


Research Applications

- Cell Cultures
- Micro/Small organisms
- Biotechnology
- Biological
- Chemical
- Plant development
- K-12 education
- Plant



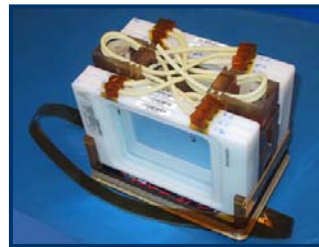
Insect habitats



Seed, small plants, or chemical habitat

General Features

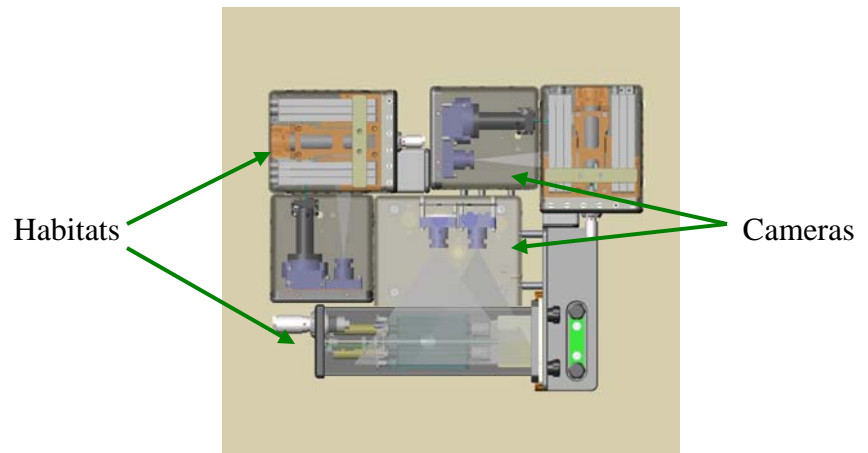
- Passive gas exchange with cabin air (O₂, CO₂, rH)
- Temperature, rH and experiment-specific sensors for environmental monitoring
- Can provide thermally controlled time course experiments
- Microscopy, still and video imaging with near real-time downlink
- Manual or automated configurable experiment control
- Fluorescent, LED, electroluminescent and infrared lighting available
- Multiple levels of containment meet NASA safety requirements



Cell culture, microorganism habitat



Plant development habitat



CGBA Science Insert packaged for flight

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