

GROWTH CAPSULE

Compact Precision Plant Cultivation





- SELF-CONTAINED CULTIVATION IN FREIGHT CONTAINER
- NO BUILDING REQUIRED
- MOVE FROM LOCATION TO LOCATION



KEY FEATURES

- Modular state-of-the-art cultivation system
- Precise climate control
- Adaptable interior. Custom-made solutions
- Single, or multi-compartment designs with independent control
- Mobile and engineered for any environmental conditions
- Stackable construction with multi-layered access
- Online control for remote regulation.

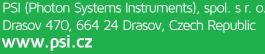




- o Indoor Farming
- o Hydroponic or solid media
- o Tissue culture
- Dynamic environmental control and simulations
- Hygienic cultivation avoids contamination
- Configured for GMO containment



• Mobile laboratory or research station







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HIGHLIGHTS

- Self-contained with compact footprint
- Use anywhere with power and water
- Energy-efficient multi-wavelength LED lighting
- Eradicates wind and weather effects
- Programable option for natural light simulation
- Simulate different climate zones
- Remote system control and monitoring
- Optional image-based sensors for plant phenotyping

• Online monitoring: RGB imaging, 3D scanner, VNIR and SWIR Hyperspectral, Chlorophyll Fluorescence, Thermal



