

PlantCon™ Container: Ready-to-use for Plant Culture

Plant research often involves growing new plants in a controlled environment: **MP Biomedical's PlantCon™** container has been specifically designed to reduce the time spent preparing an *in vitro* growth environment for plant cultures and to minimize the risk of contamination.

The PlantCon™ container is produced with clear unbreakable PVC plastic and provided pre-sterilized in 20 sets of 10 covers and bottoms (200 containers total). The design of the cover and base ensures optimal light transmission and a perfect fit to prevent contamination during plant cultures. Moreover the vented cover can be snapped on tight, for long-term culture, or loosely fitted during acclimation to external conditions prior to transplantation.



- Specifically designed for plant cell culture
- Scientifically engineered for optimal growth
- Exceptional light transmission
- Sterilized by ethylene oxide gas treatment
- Convenient and stackable to save on space

Applications

- Aseptic germination of seeds or spores.
- Stage I production of clean explant for multiplication of callus formation
- Stage II multiplication of plants through enhanced axillary branching, adventitious buds, embryoids or callus.
- Stage III pre-transplant rooting and hardening of plantlets for transfer to soil.
- As a shipping container for pre-transplant plantlets.

Order Information - Provided pre-sterilized, made of clear unbreakable plastic.

Cat.#	Description	Size
2672206	PlantCon™ Container, sterile	200-sets
2672002	PlantCon™ Base, sterile	10-packs/unit
2672102	PlantCon™ Cover, sterile	10-packs/unit

PlantCon™ containers may be used with liquid or agar solidified media.

The containers are filled with cooled sterile medium in a suitable clean area by:

- Manual pouring
- Gravity feed through a dispensing bottle and filling bell automatic dispenser
- Automatic dispenser

Whichever method is used, the plastic container stacks are inverted, a base is removed from the stack, filled with medium, and a cover snapped on. The filled container may then be stored until needed.