

KUBIK

Incubator/ Cooler

Designed for microgravity experiments, KUBIK is a compact and highly configurable incubator/cooler, with a significant 15-year flight heritage.



ITAR FREE
International Traffic
in Arms Regulations



Main benefits

Several models have been operated since 2004 onboard the International Space Station, and have housed tenths of biology experiments up to now.

These self-contained automatic experiments on seeds, cells, and small animals, are performed using power provided by the facility.

KUBIK recent upgrade further improves communication capabilities with ground, both at KUBIK and experiment levels.



Keys features

Temperature settable
from 6°C to 38°C

Modular inserts concept
(e.g. centrifuge insert)

Centrifuge speed settable
from 0.2 g to 2 g

Remote ground control
of KUBIK and experiment
containers via ISS MPCC

Powered and automated
experiment containers

Wide range of flight-proven
experiment units:

- Bacteria
- Plants, seeds
- Yeasts
- Animals
- Human cells



Comat is part of the Bioreactor Express service that offers a KUBIK-based experimental support onboard the ISS.



INCUBATOR COOLER

