KUBIK

Incubator/ Cooler

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

ISO 9001

ITAR FREE
International Traffic in Arms Regulations

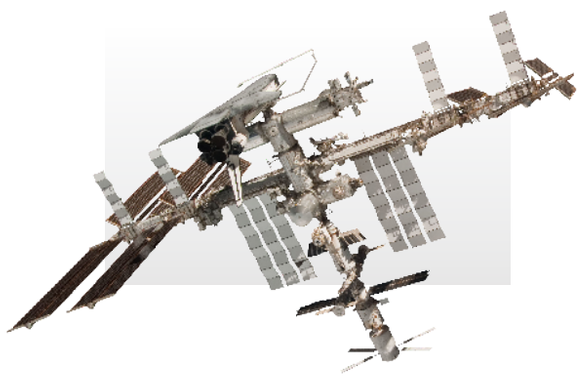
afaq EN/AS/JISQ 9100 Aéronautique AFNOR CERTIFICATION

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

BIOREACTOR EXPRESS

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

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INSPIRED BY SPACE

6 Chemin de Vignalis, 31130 Flourens, FRANCE
+33(0)5 612 426 16
comat.space

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