



ScienceBox

kiwi ScienceBox was developed to lower the entry cost barrier for microgravity research and applications using already flight proven and existing hardware and facilities, targeting universities, education projects as well as commercial customers, who are encouraged to perform microgravity experiments on-board the International Space Station (ISS) for the first time.

The ScienceBox is kiwi's most flexible product as its field of application is almost unlimited: life science, fluid science, technology demonstration, arts, gamification, education and many more.



kiwi ScienceBox allows for high flexibility on two counts: due to the standard 1U form factor it suits to several microgravity experiment facilities on board the ISS, including Space Tango and Ice-Cubes. Furthermore, the large portfolio of kiwi's ScienceShell experiment H/W portfolio inserts are compatible to ScienceBox, superseding expensive and time-consuming hardware developments.

ScienceBox FACTBOX

ScienceBox is the perfect choice for space enthusiasts with limited budgets and only basic experience, planning to conduct a microgravity experiment in a short period of time – although it can be used in more ambitious applications (with several units) as well:

- ✓ Compatible to complete ScienceShell hardware portfolio
- ✓ Compatible to TangoLab and Ice-Cube facility
- ✓ Full kiwi end-to-end service included
- ✓ Real-time telecommanding and HK data monitoring and commanding

Thanks to a strong network of partners kiwi is the only one to offer all types of microgravity platforms for ScienceTaxi: Parabolic Flight, Sub-Orbital, Orbital (ISS, LEO and beyond).

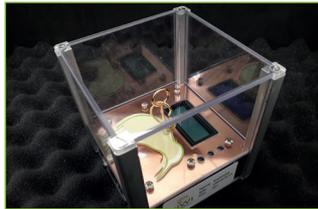
ScienceBox

ScienceBox features the following specifications:

- Size: 1U = 10 x 10 x 10 cm (4" x 4" x 4")
2U, 3U, 4U or 7U are also available for more complex utilization
- Volume: 1 l (155 in³)
- Mass: up to 2 kg
- Power consumption: maximum 10 W,
provided by 3.3 V, 5 V and 12 V power lines
- Temperature: ambient
- Data collection: real time data collection
- Operational services: Telemetry, telecommands, cloud-based customer portal



Flumias DEA (7U)



KiwiCube (1U)



Standard ScienceBox (1U)

THE KIWI BENEFITS FOR OUR CUSTOMERS

- ▶ **Lower entry cost barrier to microgravity (from 10k €)**
(Off-the-shelf products available, standardized price lists and contracts)
- ▶ **Quicker access to microgravity (from 6 months)**
(Single point of contact, wide range of experiment platforms, standardized hardware options)
- ▶ **Service tailored to your needs**
(More options available: adaptation and support to new hardware development, access to a network of experienced partners)
- ▶ **Access to funding**
(Network of private investors and foundations, partnerships with crowdfunding organizations)

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