ISS Toilet  
  
[Boldly Go! NASA’s New Space Toilet Offers More Comfort, Improved Efficiency for Deep Space Missions - NASA](https://www.nasa.gov/humans-in-space/boldly-go-nasas-new-space-toilet-offers-more-comfort-improved-efficiency-for-deep-space-missions/)  
Boldly Go! NASA’s New Space Toilet Offers More Comfort, Improved Efficiency for Deep Space Missions — NASA demonstrates the features of the new Universal Waste Management System toilet on the ISS.  
  
[ESA - International Space Station toilet tour](https://www.esa.int/ESA_Multimedia/Videos/2015/04/International_Space_Station_toilet_tour)  
International Space Station toilet tour  
  
summary  
The **Universal Waste Management System (UWMS)** is the current toilet system on ISS. Key features include:

* It is significantly more compact and lightweight (about 65% smaller and 40% lighter) than older ISS toilet models.
* It uses airflow/suction to pull urine and fecal matter away from the body, rather than relying on gravity—critical in microgravity.
* It has a urethral “funnel” for urine and a seat for solids; designs were updated to better accommodate female astronauts. The funnel and seat can be used in coordination.
* The airflow starts automatically when the lid is raised, aiding odor control.
* Urine is pretreated and then processed in the ISS’s water recovery system; the water is reclaimed for reuse (drinking, hygiene).
* Solid waste is collected in fecal canisters, replaced when needed, and eventually disposed of via supply ships (many burn up in Earth's atmosphere).

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