



VACCO[®]
SPACE FLUID COMPONENTS



**CRYOGENIC FLUID CONTROLS
MICRO PROPULSION SYSTEM
PRESSURE REGULATORS
ISOLATION VALVES
SERVICE & CHECK VALVES
QUICK DISCONNECTS
FILTERS**

VACCO

VACCO is a leading supplier of fluid components for propulsion systems aboard various commercial and military platforms.

VACCO is also a leading supplier of fluid components for specialized science spacecraft and exploration programs. For the Mars Science Laboratory, VACCO supplied latch valves, service valves, and filters on the cruise stage, along with high flow regulators and filters on the descent stage.

VACCO is constantly developing and advancing designs, the following are just a few of VACCO's innovative engineered solutions:

In-Space Refueling Mechanisms

Micro Propulsion Systems

Next-Generation Thruster Valves

Xenon Flow Control Modules

Positive Isolation Valves (PIV)

Mechanical and Electronic Pressure Regulators

HERITAGE

With more than 60 years of experience in engineering and manufacturing fluid controls components for space applications, VACCO works closely with NASA and other primes to build superior valve technology. In fact, VACCO is one of the largest suppliers of cryogenic valves, isolation latch valves, service valves, pressure regulators and check valves for satellite platforms. Combined with Premier Customer Service, our engineering excellence delivers robust, reliable solutions for commercial, military and complex interplanetary space exploration missions.

VACCO ACHIEVEMENT

VACCO has provided components to many of NASA's Earth & Deep Space science spacecraft, such as OSIRIS-REx, New Horizons, & Mars Science Laboratory. From the Mariner missions in the 1960's to supporting current International Space Station activities, VACCO is a proud partner in the Space Industry.



VACCO®

SPACE FLUID COMPONENTS

Monopropellant • Bipropellant • Cryogenic
Cold Gas • Warm Gas • Green • Xenon • Iodine



ISO9001 / AS9100 CERTIFIED

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The background of the advertisement is a composite image. The top half shows a satellite in space, with its solar panels and various instruments visible against a black starry sky. The bottom half shows a Mars rover on the surface of Mars, with its large solar panels deployed and its robotic arm extended. The rover is positioned in the center, and the Martian landscape is visible in the background under a hazy sky with a bright sun or moon.

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