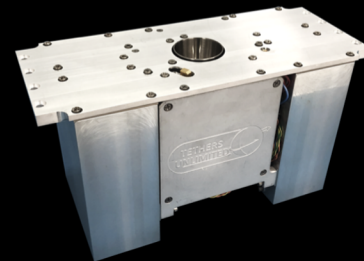


High-Performance Water-Based Propulsion for Small Satellites



Why Fly HYDROS?

- 💧 Safe “Green” Propellant
- 💧 Superior Thrust-to-Power
- 💧 High Specific Impulse
- 💧 Plug-N-Play Integration
- 💧 Customizable Fuel Capacity
- 💧 Onboard Crypto Available
- 💧 Flight Qualified



HYDROS-M

> 310 s
 > 1.2 N
 6.8 mN
 0.16 mN/W
 > 1.75 Ns
 10,300
 > 18,000
 6.2 kg
 6.4 kg
 12.6 kg
 269 s
 Ø 381 x 191 mm
 7-40 W
 3 years LEO
 Within 15” separation ring
 RS-422, Ethernet
 TRL 6+

Specifications

Specific Impulse
 Thrust
 Max Effective Continuous Thrust
 Thrust Efficiency
 Impulse per Thrust Event
 Total # Thrust Events
 Total Impulse Delivered
 Water Capacity
 Dry Mass
 Wet Mass
 Time to Refill Gas Plenums
 Size
 Power
 Lifetime
 Mounting
 Command Interface
 Qualification Level

HYDROS-C

> 310 s
 > 1.2 N
 2.2 mN
 0.13 mN/W
 > 1.75 Ns
 1,230
 > 2,151
 0.74 kg
 1.87 kg
 2.61 kg
 825 s
 190 x 130 x 92 mm
 5-25 W
 3 years LEO
 Deck or Rail Mount Options
 RS-422, Ethernet
 TRL 6+

Flight Units Available Now

Tethers Unlimited, Inc.

11711 N. Creek Pkwy S., D113, Bothell WA 98011
 425-486-0100 info@tethers.com www.tethers.com