



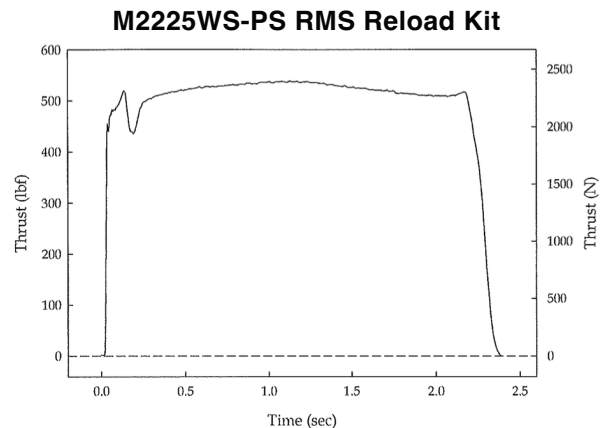
Available for Immediate Shipment!
AeroTech M2225WS-PS RMS™ Rocket Motor Reload Kit
New Product Information Release 9/11/2023

AeroTech/Quest is pleased to announce the Tripoli certification and immediate availability of our new RMS™ Reloadable Motor System™ M2225WS-PS rocket motor reload kit (No. 13222P), designed for RMS-75/5120 hardware.

The M2225WS-PS uses AeroTech's high-performance Super White Lightning™ propellant formulation producing the brightest possible white flame and brilliant exhaust plume at lift-off, plus a higher "specific impulse" or I_{sp} and higher thrust level than our standard White Lightning™ propellant. This new motor delivers an impressive 5,205 N-Sec. (1,170.2 lb.-Sec.) of total Impulse, with a burn time of 2.32 seconds and a peak thrust of 2,418 N (543.6 lbs.). The reload kit propellant weight is 2,331 g (5.13 lbs.) with an all-up motor system weight of 4,685 g (10.32 lbs.). This Super White Lightning rocket motor produces lots of bright white smoke and a real throaty roar at lift-off, plus tracking smoke, however it is a "plugged" motor that does not include an ejection charge, requiring the utilization of an electronically-activated recovery system. The M2225WS-PS rocket motor is perfect for Level 3 certification attempts or extreme high performance flights.

M2225WS-PS Specifications

Diameter: 75mm (2.965")
Length: 681mm (26.8")
Propellant: Super White Lightning™
Total Impulse: 5,205 N-Sec. (1,170.2 lb.-Sec.)
Burn Time: 2.32 Seconds
Peak Thrust: 2,418 N (543.6 lbs.)
Delay Time: Plugged with Smoke
Propellant Weight: 2,331 g (5.13 lbs.)
Loaded Weight: 4,685 g (10.32 lbs.)



California State Fire Marshal classification and approval has been granted for the M2225WS-PS RMS Reload Kit. The M2225WS-PS (No. 13222P) RMS Reload Kit ships with a standard FirstFire™ Initiator, has a suggested retail price of \$405.99 and may be purchased by consumers 18 years of age or older with a Level 3 TRA or NAR Certification, or by educational institutions, government agencies and licensed commercial entities. As the propellant weight exceeds 5 lbs, a State Department License is required for international shipments.

AeroTech invented the reloadable high-power rocket motor in 1990 and continues to lead the sport rocket industry in single-use and reloadable motor technology. All RMS motor hardware features aircraft-grade machined aluminum casings and forward and aft closures with integral thrust rings. Thrust rings on RMS motors are designed to fit standard motor retainers.

TRA certification documents, RMS motor instructions and assembly drawings for the entire RMS line are available for download in PDF format from the Resource Library on the AeroTech/Quest website at <http://www.aerotech-quest.com>. For more information or to order contact: customerservice@aerotech-rocketry.com.