

# RATIS™ INFLATABLE LPU (MD1500 / MD1501 / MD1502)



## FOR SPECIAL OPERATIONS FORCES

Following five years of extensive collaborative research and development, Mustang Survival's newest inflatable is the smallest self-righting inflatable PFD for maritime special operations on the market. Using advanced inflator technology co-developed with Hammar®, our exclusive new programmable automatic inflator offers ultimate control: the user can switch between inflation settings triggered by depth, time submerged in water, or a combination of both. The LPU will also be available in our standard HIT™ inflator, and new manual inflation system.



Almost invisible low-profile design allows full field of vision and head mobility without interfering with equipment.

Weighing 1.2 lb., it is the smallest self-righting inflatable PFD for maritime special operations, providing 40 lbs of buoyancy.

Easily connects to almost any armor carrier.

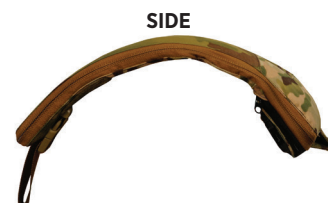


The exclusive rear mounted Programmable Automatic Inflator is triggered by water depth, time submerged in water, or a combination of both.

Includes Harness accessory to allow device to be used as a stand-alone life vest with no armor carrier. (Not Shown)

SOLAS retro reflective tape attached to the bladder via hook and loop so that it can be removed or switched to GLINT tape by the user.

Inflation chamber has a new ultralight membrane film.



\*California residents please refer to: [mustangsurvival.com/pages/proposition-65](http://mustangsurvival.com/pages/proposition-65)

SIZE	UNIVERSAL ADULT
COLOR	<span style="display: inline-block; width: 10px; height: 10px; background-color: black; margin-right: 5px;"></span> 13 BLACK <span style="display: inline-block; width: 10px; height: 10px; background-color: #8B4513; margin-left: 10px; margin-right: 5px;"></span> 212 COYOTE TAN <span style="display: inline-block; width: 10px; height: 10px; background-color: #6B8E23; margin-right: 5px;"></span> 260 SEPIA <span style="display: inline-block; width: 10px; height: 10px; background-color: #2C3E50; margin-left: 10px; margin-right: 5px;"></span> 259 CRYE MULTICAM
MODELS	MD1500: Programmable automatic inflator MD1501: Standard HIT inflator MD1502: Hammar's new manual inflator  MD1500GB: Programmable automatic inflator (Berry Compliant) MD1501GB: Standard HIT inflator (Berry Compliant) MD1502GB: Hammar's new manual inflator (Berry Compliant)

\*Various Replacement Repair Items Available\*

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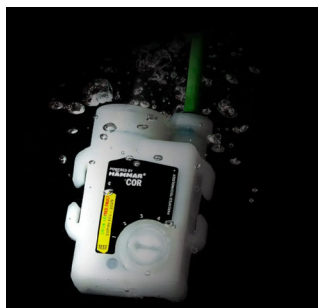


SCAN TO LEARN MORE  
(VIDEO)



HOW TO RE-ARM/RE-PACK  
(VIDEO)

# RATIS™ INFLATABLE LPU INFLATOR TYPES



## ELECTRONIC (COR) INFLATOR SYSTEM

(STANDARD WITH MD1500/MD1500GB | REARM KIT: MA1510)

The Electronic Inflator system, known as COR, offers versatile inflation modes catering to various applications. This system ensures swift and dependable activation of the Personal Flotation Device (PFD) even in challenging conditions. The Hammar Electronic Inflator provides customizable settings for PFD activation, allowing adjustment based on water depths or submersion time for enhanced adaptability.

### FEATURES OF THE HAMMAR ELECTRONIC INFLATOR

- Activates at predefined water depths and/or submersion time.
- The inflation speed is high at all temperatures.
- Product life is 10 years on the ECU and 5 years on the Cylinder Assembly.
- No risk of accidental inflation, must be immersed at meet the predefined activation settings.



## AUTOMATIC ACTIVATION

(STANDARD WITH MD1501/MD1501GB | REARM KIT: MA1511)

PFDs equipped with automatic hydrostatic protection incorporate a valve to shield the water-sensitive element, providing outstanding defense against unintended inflation due to rain, spray, splash, or humidity. Upon exposure to sufficient pressure, the inflators open their hydrostatic valve, facilitating the interaction between water and the water-sensitive element, initiating the activation process.



## MANUAL ACTIVATION

(STANDARD WITH MD1502/MD1502GB | REARM KIT: MA1512)

Initiate inflator activation manually by pulling the pull-tab, and the PFD will achieve full buoyancy in mere seconds. The manual pull generates the essential force to prompt the piercing pin to puncture the cylinder, restoring it to its initial position for a seamless gas flow into the bladder. The inflator is meticulously engineered to guarantee swift and dependable activation when required.

**NOTE: ALL INFLATORS ARE INTERCHANGABLE WITH ALL RATIS™ INFLATABLE LPUS**

