

MARCEP MK-1 MARITIME CASUALTY EXTRACTION DEVICE

DDD050



PROTECT.
SAVE.
RESCUE.

MODEL #	DDD050	WEIGHT	10.6 lbs / 4.8 kg
SIZE	Universal	FOLDED DIM.	21x14x6" / 53x35x15 cm
COLOR	Black-Ranger Green	ROLLED DIM.	21x11" / 53x28 cm

OVERVIEW

Innovated by Ethos—engineered and manufactured by Mustang Survival, the MarCEP Mk-1 is an underwater casualty extraction system designed for military teams transporting injured personnel through high-risk environments. Depending on the operation, travel may be through polluted, marshy, or atmospherically contaminated areas, or subsurface when reducing detection is critical. Its robust, flexible nylon shell is fully seam-sealed to provide watertight performance, and a reinforced bottom panel and abrasion- and tear-resistant attachment and tow points protect critical areas from damage during transport across harsh terrain. A full-length waterproof and airtight zipper facilitates patient entry, and the Si Tech® Quick Neck system lets users insert an appropriately sized silicone neck seal in the field to accommodate the patient. Sized for a casualty wearing operational kit, the MarCEP can be rolled or folded for transport in a rucksack and is optimized for use with SKED systems.

1. Patient entry facilitated by a full body length waterproof YKK® AQUASEAL® access zipper
2. Sized to accommodate up to the 95th-percentile U.S. military male with operational kit
3. Robust, flexible 400D nylon is watertight up to 300 psi, with fully seam-sealed construction delivering leak-tight performance
4. Reinforced tow points to ensure secure carry under dynamic stress.
5. Four Si Tech® pull-activated binary micro-exhaust valves at the shoulders and feet improve buoyancy management, with high-contrast tactile pulls supporting operation in low-light environments
6. Removable MOLLE-attached pony bottle pouch features secure closure and accommodate 6 and 13 cu ft cylinders
7. Five quick-release, fully removable weight pouches are positioned to achieve subsurface patient trim, with rapid-load sizing that accommodates various items
8. Base bag weight is approximately 10.6 lb, excluding the pony bottle pouch and rigging systems.



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OVERVIEW (CONTINUED)

The integrated rigging system is configured for foot-first towing and can be adapted for head-first transport. Reinforced tow points and versatile attachment points support multiple towing orientations and vehicle integration. Shoulder attachment points allow an attendant to secure themselves alongside the MarCEP and monitor the patient in transit. Pull-activated exhaust valves positioned at the shoulders and feet work with a combination octopus/inflator regulator to support buoyancy management and provide a supplemental air option based on the mission profile. MOLLE panels and removable cylinder and weight pouches allow breathing equipment, ballast, and other mission-specific equipment to be positioned to maintain patient trim below the surface.

9. Abrasion- and tear-resistant aramid X-PLY® reinforcements maintain accessory-system integrity over extended use
10. Si Tech® quick neck system seal replacement with silicone seal is customizable in the field to accommodate patient size
11. Combination octopus/inflator regulator provides buoyancy management and supplemental patient air based on mission requirements; an integrated retention strap secures the mouthpiece at the chest when not in use
12. Versatile attachment points accommodate multiple tow-rigging orientations and vehicle integration for surface and sub-surface vehicle towing
13. High-tenacity reinforced bottom panel protects the bag's watertight integrity across harsh terrain, with an optimized design for seamless use with SKED

