



SKEDCO

PRODUCT INFORMATION SHEET



SKEDCO Combat IV Pak™ 500 and 1000 (Patent Pending)

The *Combat IV Pak™* is a revolutionary development in the employment of Intravenous (IV)/Intraosseous (IO) fluids across the continuum of Tactical Combat Casualty Care (TCCC) on the modern battlefield.

---ANYTIME--ANYWHERE---

- NSN: 6515-01-530-0782 - SK-CIVP-500 (ACU Pattern; 500cc fluid capacity)
- NSN: 6515-01-536-2678 - SK-CIVP-1000 (ACU Pattern; 1000cc fluid capacity)

***GSA/Government Pricing Available Upon Request**



SKEDCO's Extreme Medicine™ TCCC Education, Training, and Product Development Division introduces its break through *Combat IV Pak™ 500 and 1000* (SK-CIVP-500/1000) designed by the Combat Medic for the Combat Medic. *These products provide a durable, economical, lightweight, and versatile means to store, organize, and employ IV/IO fluids in the tactical environment.*

The Combat IV Pak's™ unique design integrates storage and organization of IV/IO fluids and administration supplies facilitating the employment of IV/IO capabilities in accordance with the **"Principles of TCCC"** ensuring the **"right stuff"** is at the **"right place"** at the **"right time."**

---Logistical Cross-Loading of Class VIII Medical Equipment and Supplies on the Battlefield---

The Combat IV Pak™ incorporates an adjustable $\frac{3}{4}$ " side-release buckle and suspension strap allowing for convenient suspension of the *CIVP* from the operator during Tactical Field Care and Combat CASEVAC when no other means exists as well as to hang the *CIVP* via conventional means when available.

The Combat IV Pak™ in the hands of a skilled medical operator rapidly converts to an improvised pressure infuser when combined with an adult sphygmomanometer. This feature allows for the even application of positive pressure to the IV fluid supporting IO infusion and easing horizontal transport of the *CIVP* near the casualty that in turn minimizes the dependence on gravity, IV poles, and lengthy IV lines during Tactical Field Care and Combat CASEVAC or MEDEVAC operations.

The Combat IV Pak™ employs IV fluids across the environmental spectrum by combining -40° "no crack" vinyl with lightweight neoprene to provide insulation to the *CIVP*. The integrated adjustable $\frac{3}{4}$ " side-release buckle and suspension strap provides a means to hang one or two *CIVPs* (when connected together) near the operator's body assisting in the maintenance of optimum fluid temperatures.

SKEDCO Inc., *Extreme Medicine™ Tactical Combat Casualty Care Education, Training, and Product Development Division*

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OPERATIONAL USE GUIDELINES FOR THE SK-CIVP 500/1000

Pre/Post-Employment Packaging of the CIVP



Step One: Assemble and inspect IV fluid and administration supplies for product integrity and expiration dates. Package administration supplies in waterproof package. Insert waterproof package into the rear pocket of the CIVP and secure the pocket retention flap.



Step Two: Stow ¾" side-release buckle and suspension strap inside front pocket of the CIVP. Insert 500/1000cc IV fluid into front pocket of the CIVP with fluid level indicators facing upright ensuring visibility through the vinyl window. Secure the V retention flap.



Step Three: Stow fully packed CIVP in accordance with unit standard operating procedures.

Step Four: Following employment of the CIVP, discard all expended supplies in accordance with unit standard operating procedures and re-supply the CIVP following steps one through three above.

Tactical Employment of the CIVP for Standard IV Fluid Administration



Step One: Remove and inspect IV fluid and administration supplies for integrity and expiration dates. Remove the outer wrapper of the IV fluid and retain for stowage of waste products.



Step Two: Connect the IV administration set through the opening in the V retention flap. Initiate IV access and fluid therapy in accordance with unit standard operating procedures.

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Conversion to an Improvised Pressure Infuser



Step One: Follow steps one and two for the Tactical Employment of the CIVP for Standard IV Fluid Administration to the point where directed to secure the V retention flap in Step Two. At this point, insert a neatly folded adult sphygmomanometer cuff into the rear pocket. Secure the pocket retention flap allowing the inflation tubing and hand pump to feed along the right side of the pocket retention flap. Secure the V retention flap.



Step Two: Return to step three for the Tactical Employment of the CIVP for Standard IV Fluid Administration. Once IV access and fluid therapy have been successfully established, completely fill the IV administration set drip chamber with fluid and pressurize the CIVP by carefully inflating the sphygmomanometer until the desired flow rate is obtained.

WARNING! Take extreme caution not to over or under pressurize the CIVP. Continually monitor inflation to maintain desired IV/IO flow rates.

Operational Use Configurations of the CIVP



Option B –
Picture
Available
Later

Option C –
Picture
Available
Later



The CIVP can be easily adapted to support the following configurations: Option A: Stowed in the medical operator's aid bag; Option B: Suspended from a conventional IV pole; Option C: Suspended from the medical operator during Tactical Field Care; Option D: One CIVP suspended from a medical operator under extreme cold conditions; Option E: Two CIVPs connected together suspended from a medical operator under extreme cold conditions; Option F: Used as an improvised pressure infuser

WARNING! The Combat IV Pak 500 and 1000 were developed for use by skilled medical operators as a means to augment storage, organization, and administration of IV/IO fluids in an austere environment. It is the sole responsibility of medical operator to ensure these products are used only in accordance with established medical standard operating procedures as authorized by the medical operator's local unit medical control.

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Product Specifications

General Features

- Overall Dimensions: 6.5" L X 1.5" W X 9.0" H
- 0.05 Cubic Feet
- 0.5 Pounds
- ACU Color Pattern

Construction

- Proudly Made in the USA
- MilSpec Construction Throughout
- 500 Denier Nylon Cordura
- -40° "No Crack" Vinyl
- Lightweight Neoprene Insulation

Specific Features

- Twin Compartment Organizational Design
- Integrated Adjustable $\frac{3}{4}$ " Side-Release Buckle and Nylon Suspension Strap
- Closed CIVP is Pressure Rated in Excess of 300 mm/Hg



MISSION STATEMENT

SKEDCO's Extreme Medicine™ TCCC Education, Training, and Product Development Division is charged to research, design, develop, test, and evaluate state-of-the-art medical and rescue solutions that can be applied across the continuum of TCCC and beyond – Solving tomorrow's problems today.

Your ideas, from concept design to product development are important! SKEDCO is unconditionally committed to meeting your needs as the operator on the ground defending our freedom!

Applications

- △ Tactical Field Care
- △ Combat CASEVAC Care (Ground/Air)
- △ Ground Ambulance Operations
- △ Air Ambulance Operations
- △ Class VIII Logistical Cross-Loading
- △ Search and Rescue Operations
- △ Special Operations Forces
- △ Tactical Emergency Medical Services
- △ High-Altitude Operations
- △ Cold Weather Operations
- △ Homeland Security
- △ Contingency Stocks

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