

## PX1L Mobile Temperature Management

Over the last 20 years, **AcuTemp<sup>®</sup>** has supplied **over 10,000 PX1L VaxiPac<sup>®</sup>** hand-held vaccine carriers to healthcare providers and global immunization organizations.

### Features include:

Extended hold times and precise temperature-control maintained by ThermoCor<sup>®</sup> VIP and AcuTemp brand phase change coolants

Wet ice or dry ice not required

The PX1L can be utilized at different temperature ranges by using the versatile and interchangeable PXC coolant packs

Lightweight and portable

Easy to clean

Rugged construction allowing for long usable life

\* Hold times assume 24°C (75°F) ambient temperature and 5 PXC coolant packs. Times may vary based on the coolant pack model, the payload size, and the frequency and duration of lid openings.

### Transport Temperature-Sensitive Vaccines and Medicines with Confidence

CSafe<sup>®</sup> is synonymous with quality, temperature-sensitive packaging and is the largest global provider of a full-line of cold chain solutions designed to meet your temperature-sensitive transportation needs. The AcuTemp<sup>®</sup> brand includes a wide assortment of passive mobile transportation couriers including the PX1L, formerly VaxiPac<sup>®</sup>, vaccine carrier.

Delivering life-saving supplies to the point of need is often a challenge, especially when critical supplies are temperature-sensitive. The AcuTemp brand PX1L carrying case and PXC coolant packs offer a rugged and portable temperature management unit capable of extended hold times – up to 22 hours\* – without the need for ice or active power.

### Passive Cooling Technology

Vaccines, drugs, specimens and other biomedical materials are safely transported and protected by a hard covered case that is insulated with CSafe's exclusive ThermoCor<sup>®</sup> technology. ThermoCor<sup>®</sup> is a highly efficient, high-performance Vacuum Insulation Panel (VIP) with up to eleven times greater thermal efficiency than an inch of standard foam insulation and is made exclusively by CSafe. As a result, the PX1L internal temperatures are efficiently maintained and valuable contents are delivered to the point-of-use at The Right Temperature<sup>®</sup>.

The interior temperature of the PX1L is maintained by patented AcuTemp PXC cooling packs, enabling reliable maintenance of temperature within a specified range for extended periods of time and eliminate the hazards of handling dry ice or the mess associated with wet ice.





### Physical Specifications

Payload Volume (with 5 PXC coolant packs): **1 liter (61 in<sup>3</sup>)**

Interior Volume: **3.7 liters**

Internal Payload Dimensions (LxWxH):  
**23.6 cm x 8.4 cm x 5 cm  
(9.3 in x 3.3 in x 2 in)**

Interior Dimensions (LxWxH):  
**23.6 cm x 8.4 cm x 18.5 cm  
(9.3 in x 3.3 in x 7.3 in)**

Empty Weight: **2.5 kg (5.5 lb)**

NSN: **615-01-475-8145**

### AcuTemp Brand Coolant Packs

The PXC coolant packs are made of phase change material (PCM) that enable the packs to maintain specified temperatures for long periods of time. For precise control, PXC packs are available in three temperature set-points (see chart below).

AcuTemp PXC Coolant Packs are reusable and convenient. The packs are easily conditioned in a conventional refrigerator or freezer, depending on the specific model. (Conditioning directions differ for each model. Please read directions carefully.)

### Total Solutions

The CSafe cold chain packaging offer includes one-time use and reusable solutions, passive mobile hand-held solutions and a full-line of active containers. CSafe expanded their passive hand-held solutions to include soft-sided couriers available in multiple sizes that feature handles, shoulder straps and an available cart option. The AcuTemp brand couriers offer standard and optional mobility enhancements to provide a customizable, highly reliable and reusable temperature management solution. It is another example of CSafe's commitment to our customers to deliver their precious cargo with Peace of Mind<sup>®</sup> and at The Right Temperature<sup>®</sup>.



Model (NSN)	Product Storage Temperature	Brick Dimensions	Conditioning Method	Total Weight
VXS-1 (4110-01-500-7564)	2°C to 8°C (36°F to 46°F)	cm: 22.9 x 9.8 x 2.5 (in: 9 x 3.87 x 1)	3.5°C refrigerator for 24 hours	2.1 kg (4.6 lb)
VXS-2 (4110-01-518-7657)	at or below -10°C (at or below 14°F)	cm: 22.9 x 9.8 x 2.5 (in: 9 x 3.87 x 1)	Conventional freezer for 48 hours	2.7 kg (6.0 lb)
VXS-4 (4110-01-518-8244)	at or below -20°C (at or below -4°F)	cm: 22.9 x 9.8 x 2.5 (in: 9 x 3.87 x 1)	Conventional or lab / medical freezer at or below -28°C (-18.4°F) for 48 hours	2.3 kg (5.0 lb)