



VOSTOK PortM80 FREEZER

PORTABLE, ULTRA-LOW TEMPERATURE FREEZER FOR MEDICAL & LABORATORY COLD STORAGE

ATS' VOSTOK PortM80, portable ultra-low temperature freezer, is designed and manufactured specifically for the storage of medical and laboratory products. All ATS' VOSTOK freezers are ideal for biological storage, including vaccines, viruses, germs, blood plasma, skin, bone marrow, sperm, and other biological, pelagic and special test products.

The PortM80, ultra-low temperature mobile vaccine freezer comfortably cools to -86°C in minutes, with the precise temperature control of ±0.1°C accuracy. The PortM80 solves the industries pain point of vaccine transportation with its ultra-compact size and lightweight design. The PortM80 utilizes Stirling refrigeration technology, using environmentally safe helium as the refrigerant, with high life, high safety, and high-reliability performance.

Because of the unique Stirling technology, this freezer is well-equipped to master vibration and transportation bumps. Additionally, it can be equipped with multiple Stirling coolers. During pre-cooling, multiple Stirling coolers can be started at the same time to achieve shorter pre-cooling time, and during normal operation, it can be put into a multi-prepared mode.

The PortM80 also has a remote monitoring system, providing on-site testing that ensure the quality reliability of remote monitoring.



Features

- » Compact & Portable
- » 70% Energy Savings
- » Intelligent temperature control
- » Safety and Intelligent Temperature Control
- » Deployable ULT solution brings ultra-low storage to vaccine
- » Built-in battery, ≥1H (when the vaccine freezer runs at full power)

Applications

- » Hospitals
- » Blood Banks
- » COVID-19 Vaccinations
- » Epidemic Prevention/Response Services
- » Research Institutes
- » Biomedical & Chemical Industries
- » Biological Storage Transportation

INTERNAL DIMENSIONS (L X W X H)

150 mm x 134 mm x 54.5 mm
(5.9" x 5.3" x 2.1")

OUTER DIMENSIONS (L X W X H)

270 mm x 270 mm x 450 mm
(10.6" x 10.6" x 17.7")

WEIGHT

13.5Kg

VOLUME

1L

TEMPERATURE RANGE

-86°C to 4°C

ACCURACY

+/- 1°C

MAX POWER

100W

VOLTAGE

12V - 24V



**For further technical information, please contact
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