

blood collection vehicle dedicated refrigerated centrifuge

The blood collection vehicle dedicated refrigerated centrifuge is designed for mobile environment such as blood collection trucks, with strong multifunctional adaptability and efficient cooling system to ensure that all kinds of samples can still be separated in the process of traveling.

Blood Collection Vehicle Dedicated Refrigerated Centrifuge

This centrifuge is designed specifically for blood collection vehicles and compact laboratory environments, offering efficient, safe, and stable separation of blood and nucleic acid samples. Its advanced features support a wide range of clinical and molecular biology applications.

Main Features

1. Compact design, space-saving: double-layer structure design, the external dimension is only 360×450×400mm, which saves space and is ideal for use in limited blood collection carts or laboratory environments.
2. Multi-functional adaptability: Equipped with a variety of adapters, it can support the separation of 25ml vacuum blood collection tubes, 810ml nucleic acid centrifuge tubes, and other 10ml tubes to meet different experimental needs.



3. Convenient control: 5-inch high-definition touch screen control, intuitive display, setup parameters and operating parameters can be synchronized display, easy to operate, convenient for users to monitor the centrifugal process in real time.
4. Solid and stable: suction cup foot design, to ensure that the centrifuge in the process of traveling stable placement, will not be affected by vibration or movement of the centrifugal effect, increase the safety of operation.
5. Hermetic compressor: the use of hermetic rotary compressor, to ensure the stability of the cooling effect and long-term efficient operation, is a necessary centrifuge equipment for blood collection vehicles.
6. Safety protection function: equipment with overspeed, over-temperature, door locks and other multiple protection mechanisms to protect the safety and reliability of the use process, to prevent damage to the equipment or sample contamination caused by abnormal conditions.
7. Stainless steel inner cavity: the inner cavity is made of stainless steel, with stronger corrosion resistance and easy to clean, to ensure the long-lasting use of the equipment and sample pollution-free.
8. Speed 5000rpm, Capacity 24×10ml.

Working Principle

1. The blood collection vehicle dedicated refrigerated centrifuge generates centrifugal force through high-speed rotation to separate solid components from liquid samples.
2. Its built-in hermetic compressor ensures the cooling effect and ensures that low temperature is maintained during centrifugation to avoid heat or denaturation of the sample, which is suitable for temperature-sensitive experiments such as nucleic acid centrifugal detection.
3. Through the microcomputer control system, users can accurately set the centrifugation speed, time and temperature, and the automatic protection system of the equipment will automatically shut down in the event of over-speed, over-temperature and other abnormalities, to ensure the safety of the samples and centrifugation effect.

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Model	CS80
Maximum speed	5000rpm
Maximum RCF	4030xg
maximum capacity	24x10ml
Rotation Speed Accuracy	±30rpm

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Model	CS80
Timer	1 minute to 99 minutes
Temperature setting range	-20°C to 40°C
Temperature Accuracy	±2.0°C
Noise	≤60dB
Power supply	230Vac, 50Hz, 10A
Power	450W
Overall dimensions	360x450x400mm
Net weight	47kg