FluxPro UF-824 — Floor-Standing Refrigerated Centrifuge, 6 × 2,400 ml



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Overview

The UF-824 is a refrigerated floor-standing centrifuge specifically designed for use in blood banks and transfusion facilities. With a maximum capacity of twelve 500 ml blood pouches per run, it enables efficient processing of large specimen volumes. The centrifuge reliably delivers excellent and reproducible sedimentation results thanks to its very smooth running. It is an efficient, high performance blood bank centrifuge. The high-performance refrigeration system can be adjusted precisely over a temperature range from -20°C to +40°C. The Rapid Temp quick cooling function allows the centrifuge chamber and accessories to be pre-cooled to a defined temperature, which is particularly important when working with pre-chilled blood pouches.

Key Features

- High-quality steel structure with a built-in steel explosion-proof protective inner sleeve, three layers of protection, safe and reliable. 304# stainless steel chamber are autoclave-able and resistant detergents and disinfection liquids.
- The rotor body is made of national aviation standard aluminum LC4, processed and shaped after forging treatment and A-level depth flaw detection treatment, and passed static balance test and dynamic balance test.
- Observations window on lid for speed calibration and noise measurement.
- Microprocessor control with carbon brushless large torque frequency conversion motor, maintenance-free, no dust pollution.
- Flexible shaft drive system to directly drive the rotor head, smooth running, small vibration, low noise.
- LCD display the parameters of Speed, Timer, RCF, Rotors, Program(Memory), Acceleration& Deceleration information and Error code information.
- Double layers sealing ring made for the centrifuge lid and the instrument to keep long good sealing.
- up to 12 bags of 500 ml whole blood at once, a separation of 14400ml of specimens.

Technical Specifications

Speed Range	0-8000 rpm adjustable
Max Speed	8000 rpm
Speed Accuracy	±20r/min
Max Capacity	6 × 2400 ml/12 pcs 500 ml blood bags
RCF Range	0-14900 ×g adjustable
Max RCF	14900 ×g
Timer	1-99h59minutes adjustable
Display	LCD
Noise	65 to 68 dB(A)
Acceleration / Deceleration Rates	1-- 12
Temperature Range	-20 °C to +40 °C
Temperature Accuracy	±1 °C
Program Memory	30
Dimensions (L × W × H)	1000×850×1180 mm(L×W×H)
Net Weight	500 kg
Power Supply	AC220V,50Hz,30A
Matched Rotors	Swing Rotors
Certification	CE, ISO13485,ISO9001, SFDA
Part Number	UF-824
Lead Time	4–6 weeks ARO

Rotors & Accessories

No.	Rotor	Capacity	Speed	RCF
NO.1	Angle Rotor	6×1000ml	8000r/min	14900xg
NO.2	Swing Rotor	6×2400ml	4000r/min	5330xg
NO.3	Swing Rotor	6×2×1000ml	4000r/min	5800xg

Standard Configuration

Rotor and accessories as quoted. Part number: **UF-824**.

Warranty and Service

Warranty terms are stated on the quotation. For service, calibration and spare parts contact support@uv-incure.com.