FluxPro UF-2075 — Floor-Standing Refrigerated High-Speed Centrifuge, 20,000 rpm



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Overview

The centrifuge UF-2075 has an extraordinary capacity with a maximum of 4×250ml fixed angle rotor, A broad selection of fixed-angle and swing-out rotors is available, along with an extensive range of accessories with buckets and adapters, including bio-safety configurations. The tube capacities extend from 0.2 ml to 250 ml in fixed-angle rotors and 2 ml to 750 ml in swing-out rotors. Microtiter and deepwell plates can also be centrifuged. The resulting compatibility with a large number of specimen tubes enables high versatility and allows use for a very wide variety of tasks, including high-throughput applications.

Key Features

- Metal housing, metal lid, and stainless steel centrifuge chamber are autoclave-able and resistant detergents and disinfection liquids.
- Observations window on lid for speed calibration and noise measurement.
- Microprocessor control with frequency conversion A.C. motor drive
- 7-inch touch screen 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.
- Bio-safety: gas-tight rotating head that can be sterilized at high temperature, centrifugal cavity with ultraviolet sterilization function, enter the sterilization state after turning on the machine.
- CFC-free refrigerant, temperature sensor inside the chamber, pre-cooling feature, precise temperature control up to – 20°C.
- Programmable and storable, stores up to 1000 programs and provides direct user access with one keystroke save. The stored parameter: combination remains in the memory even after the centrifugation has been switched off.

Technical Specifications

Speed Range	0-20000 rpm adjustable
Max Speed	20000 rpm with fixed angle rotor 12 × 5 ml
Speed Accuracy	±10r/min
Max Capacity	4 × 750 ml
RCF Range	0-28620 ×g adjustable
Max RCF	28620 ×g
Timer	1-99minutes 59s adjustable
Display	LCD
Noise	≤ 58 dB(A)
Acceleration / Deceleration Rates	1-10 rates
Temperature Range	-20 °C to +40 °C
Temperature Accuracy	±1 °C
Dimensions (L × W × H)	690 × 590 × 820 mm (L × W × H)
Net Weight	190 kg
Power Supply	AC220V,50Hz,10A, 2000W
Matched Rotors	Fixed angle rotors
Certification	CE, ISO13485,ISO9001, SFDA
Part Number	UF-2075
Lead Time	4–6 weeks ARO

Rotors & Accessories

No.	Max. capacity	Max.speed	Max.RCF	Note
NO.2	12×5ml	20000r/min	28620xg	PP/PC tube
12×1.5ml	PP/PC tube			
NO.3	24×1.5/2.2ml	16000r/min	24843xg	PP/PC tube
24×0.5ml	PP/PC tube			
24×0.2ml	PP/PC tube			
NO.4	12×10ml	15000r/min	20214xg	PP/PC tube
12×5ml	PP/PC tube			
12×1.5ml	PP/PC tube			
NO.5	10×15ml	15000r/min	26161xg	PP/PC tube
10×5ml	PP/PC tube			
10×1.5ml	PP/PC tube			
NO.6	6×50ml	14000r/min	21255758xg	PP/PC tube
6×15ml	PP/PC tube			
6×10ml	PP/PC tube			
6×3×1.5ml	PP/PC tube			
NO.7	8×50ml	12000r/min	17226xg	PP/PC tube
8×15ml	PP/PC tube			
8×10ml	PP/PC tube			
8×3×1.5ml	PP/PC tube			
NO.8	6×100ml	13000r/min	20406xg	PP/PC tube
6×50ml	PP/PC tube			
6×15ml	PP/PC tube			
6×10ml	PP/PC tube			
6×3×5ml	PP/PC tube			
6×4×1.5ml	PP/PC tube			
NO.9	4×250ml	10000r/min	15093xg	PP/PC tube
4×100ml	PP/PC tube			
4×50ml	PP/PC tube			
4×5×15ml	PP/PC tube			
4×5×10ml	PP/PC tube			
4×10×1.5ml	PP/PC tube			
NO.10	4×750ml	4000r/min	3443xg	Round cup
4×26×5/2ml	Vacuum blood collection tubes			
4×13×15/10ml	PP/PC tube			
4×5×50ml	PP/PC tube			
4×3×100ml	PP/PC tube			
4×1×500ml	PP/PC tube			
NO.11	2×2×96 well	4000r/min	2978xg	
2×32×1.5ml	PP/PC tube			

Standard Configuration

Rotor and accessories as quoted. Part number: **UF-2075**.

Warranty and Service

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