FluxPro UH-2075 — High-Speed Large-Capacity Benchtop Centrifuge, 20,000 rpm



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Overview

This all-purpose large capacity high speed centrifuge is versatile in use and fits in every lab thanks to its compact design. With an extensive range of rotors and accessories and high RCF values up to 28174 x g, it is suitable for a wide variety of applications. The tube capacities extend from 0.2 ml to 100 ml in fixed-angle rotors and 1.5ml to 750 ml in swing-out rotors. Microtiter,well plates and vacuum blood collection tube can also be centrifuged.

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
- 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.
- 3 levels damping for anti vibration. Programmable and storable, stores up to 30 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.
- Provides the 10 acceleration rates and 10 braking ramp, to effectively avoid secondary sedimentation, with better centrifugation effect.
- Automatic lid-locking and holding during rotor run

Technical Specifications

Speed Range	0-20000 rpm adjustable
Max Speed	20000 rpm
Speed Accuracy	±10 rpm
Max Capacity	4 × 750 ml
RCF Range	0-28174 ×g adjustable
Max RCF	28174 ×g
Timer	0-99minutes adjustable
Display	LCD
Noise	< 58 dB(A)
Acceleration / Deceleration Rates	1-- 10
Motor / Drive	Frequency Converter motor
Dimensions (L × W × H)	620 × 480 × 375 mm
Net Weight	50 kg
Power Supply	AC220V,50Hz,10A,770W
Matched Rotors	Fixed angle rotors; Swing out buckets rotor; Microplate rotor
Certification	CE, ISO13485,ISO9001, SFDA
Part Number	UH-2075
Lead Time	4–6 weeks ARO

Rotors & Accessories

No.	Rotor	Capacity	Max. speed	Max.RCF	Note
NO.1	Angle rotor	12×1.5/2.2ml	20000r/min	28174xg	PP/PC tube
Adapter	12×0.5/0.2ml	PP/PC tube			
NO.2	Angle rotor	12×5ml	20000r/min	20680xg	PP/PC tube
Adapter	12×1.5ml	PP/PC tube			
NO.3	Angle rotor	24×1.5/2.2ml	16000r/min	24843xg	PP/PC tube
Adapter	24×0.5/0.2ml	PP/PC tube			
NO.4	Angle rotor	10×15ml	15000r/min	26161xg	PP/PC tube
Adapter	10×10ml	PP/PC tube			
Adapter	10×5ml	PP/PC tube			
Adapter	10×1.5ml	PP/PC tube			
NO.5	Angle rotor	48×1.5/2.2ml	15000r/min	23394xg	PP/PC tube
Adapter	48×0.5/0.2ml	PP/PC tube			
NO.6	Angle rotor	12×10ml	15000r/min	21130xg	PP/PC tube
Adapter	12×5ml	PP/PC tube			
NO.7	Angle rotor	6×50ml	14000r/min	21255xg	PP/PC tube
Adapter	6×15ml	PP/PC tube			
Adapter	6×10ml	PP/PC tube			
Adapter	6×5ml				
Adapter	6×1.5ml	PP/PC tube			
NO.8	Angle rotor	6×100ml	11000r/min	14610xg	PP/PC tube
Adapter	6×50ml	PP/PC tube			
Adapter	6×15ml	PP/PC tube			
Adapter	6×10ml	PP/PC tube			
Adapter	6×5/1.5ml	PP/PC tube			
NO.9	Angle rotor	8×50ml	12000r/min	17226xg	PP/PC tube
Adapter	8×15ml	PP/PC tube			
Adapter	8×10ml	PP/PC tube			
Adapter	8×5ml	PP/PC tube			
Adapter	8×1.5ml	PP/PC tube			
NO.10	Swing bucket	4×250ml	4000r/min	3023xg	Round cup
Adapter	4×9×5/2ml	Vacuum blood collection tube			
Adapter	4×5×15/10ml	PP/PC tube			
Adapter	4×50ml	PP/PC tube			
Adapter	4×100ml	PP/PC tube			
Adapter	4×9×1.5ml	PP/PC tube			
NO.11	Swing bucket	4×400ml	4000r/min	3040xg	Square cup
Adapter	4×16×5/2ml	Vacuum blood collection tube			
Adapter	4×9×15/10ml	PP/PC tube			
Adapter	4×4×50ml	PP/PC tube			
Adapter	4×100ml	PP/PC tube			
Adapter	4×15×1.5ml	PP/PC tube			
NO.12	Swing bucket	4×500ml	4000r/min	3354xg	Round cup
Adapter	4×17×5/2ml	PP/PC tube			
Adapter	4×8×15/10ml	PP/PC tube			

Adapter	4×3×50ml	PP/PC tube			
Adapter	4×100ml	PP/PC tube			
NO.13	Swing bucket	4×600ml	4000r/min	3354xg	Square cup
Adapter	4×25×5/2ml	Vacuum blood collection tube			
Adapter	4×12×15/10ml	PP/PC tube			
Adapter	4×5×50ml	PP/PC tube			
Adapter	4×4×100ml	PP/PC tube			
NO.14	Swing bucket	4×750ml	4000r/min	3443xg	Round cup
Adapter	4×26×5/2ml	Vacuum blood collection tube			
Adapter	4×13×15/10ml	PP/PC tube			
Adapter	4×5×50ml	PP/PC tube			
Adapter	4×3×100ml	PP/PC tube			
NO.15	Microplate rotor	2×2×96 well	4200r/min	2860xg	Square cup
Adapter	2×32×1.5ml	PP/PC tube			

Standard Configuration

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

Warranty and Service

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