FluxPro UR-2075 — Refrigerated High-Speed Centrifuge, 20,000 rpm



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Overview

High speed refrigerated centrifuge UR-2075 is typically used in scientific research and medical laboratories to separate substances of different densities in a sample. The refrigeration feature allows for temperature control during the separation process, which is important for maintaining the integrity of certain samples.

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.
- CFC free refrigeration system, Pre-cooling feature, Precise temperature control up to – 20°C.
- 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.

Technical Specifications

Speed Range	0-20000 rpm adjustable
Max Speed	20000 rpm
Speed Accuracy	±10r/min
Max Capacity	4 × 750 ml
RCF Range	0-28174 ×g adjustable
Max RCF	28174 ×g
Timer	1-99minutes 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)	680 × 580 × 420 mm (L × W × H)
Net Weight	110 kg
Power Supply	AC220V,50Hz,10A, 1300W
Matched Rotors	Fixed angle rotors
Certification	CE, ISO13485,ISO9001, SFDA
Part Number	UR-2075
Lead Time	4–6 weeks ARO

Rotors & Accessories

No.	Item	Max. capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	12×1.5/2.2ml	20000r/min	28174xg	PP/PC tube
Adapter	12×0.5ml	PP/PC tube			
Adapter	12×0.2ml	PP/PC tube			
NO.2	Angle rotor	12×5ml	17000r/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	24×0.5ml	PP/PC tube			
Adapter	24×0.2ml	PP/PC tube			
N0.4	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	48×0.5ml	PP/PC tube			
Adapter	48×0.2ml	PP/PC tube			
NO.6	Angle rotor	12×10ml	15000r/min	21130xg	PP/PC tube
Adapter	12×5ml	PP/PC tube			
Adapter	12×1.5ml	PP/PC tube			
NO.7	Angle rotor	6×50ml	14000r/min	21255xg	cPP/PC tube
Adapter	6×15ml	PP/PC tube			
Adapter	6×10ml	PP/PC tube			
Adapter	6×5ml	PP/PC tube			
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	6×5ml	PP/PC tube			
Adapter	6×1.5ml	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 rotor	4×250ml	4000r/min	3023xg	PP/PC tube
Adapter	4×9×5/2ml	PP/PC 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 rotor	4×400ml	4000r/min	3040xg	PP/PC tube
Adapter	4×16×5/2ml	PP/PC 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 rotor	4×500ml	4000r/min	3354xg	PP/PC tube
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 rotor	4×600ml	4000r/min	3354xg	PP/PC tube
Adapter	4×25×5/2ml	PP/PC 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 rotor	4×750ml	4000r/min	3443xg	PP/PC tube
Adapter	4×26×5/2ml	PP/PC 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	2×2×96hole	4200r/min	2860xg	PP/PC tube
Adapter	2×32×1.5ml	PP/PC tube			

Standard Configuration

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

Warranty and Service

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