FluxPro UR-1620 — Refrigerated High-Speed Centrifuge, 16,500 rpm



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Overview

High speed refrigerated centrifuge UR-1620 can reach a maximum speed of 16500rpm. The refrigeration feature allows for temperature control during the separation process, which is important for maintaining the integrity of certain samples. It is designed to accommodate various types of fixed-angle rotors and adapters, making it suitable for high-speed centrifugation of volumes ranging from 0.2ml to 100ml. Its compact design makes it ideal for laboratories with limited space.

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 touch screen with simple&clear interface for viewing and setting parameters.
- Double layers sealing ring made for the centrifuge lid and the instrument to keep long good sealing.
- CFC-free refrigerant, temperature sensor inside the chamber, 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

Max Speed	16500 rpm with fixed angle rotor 12 × 1.5/2.2 ml
Speed Accuracy	±10r/min
Max Capacity	4 × 100 ml fixed angle rotor
Max RCF	19480 ×g
Timer	1-99minutes adjustable
Display	LCD
Noise	< 58 dB(A)
Acceleration / Deceleration Rates	10/10 steps
Temperature Range	-20 °C to +40 °C
Temperature Accuracy	±1 °C
Program Memory	30
Dimensions (L × W × H)	600 × 570 × 380
Net Weight	74 kg
Power Supply	AC220V,50Hz,10A
Matched Rotors	Fixed angle rotors
Certification	CE, ISO13485,ISO9001, SFDA
Part Number	UR-1620
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	16500r/min	19176xg	PP/PC tube
Adapter	12×0.5ml	PP/PC tube			
Adapter	12×0.2ml	PP/PC tube			
NO.2	Angle rotor	12×5ml	16500r/min	19480xg	PP/PC tube
Adapter	12×1.5ml	PP/PC tube			
NO.3	Angle rotor	12×10ml	12000r/min	13523xg	PP/PC tube
Adapter	12×5ml	PP/PC tube			
NO.4	Angle rotor	24×1.5/2.2ml	14000r/min	19020xg	PP/PC tube
Adapter	24×0.5ml	PP/PC tube			
Adapter	24×0.2ml	PP/PC tube			
N0.5	Angle rotor	36×1.5/2.2ml	13000r/min	15304xg	PP/PC tube
Adapter	36×0.5ml	PP/PC tube			
Adapter	36×0.2ml	PP/PC tube			
NO.6	Angle rotor	12×8×0.2ml	12000r/min	16985xg	PCR 8-tube strips
NO.7	Angle rotor	10×15ml	11000r/min	14069xg	PP/PC tube
Adapter	10×10ml	PP/PC tube			
Adapter	10×5ml	PP/PC tube			
NO.8	Angle rotor	6×50ml	11000r/min	13122xg	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	4×10×100ml	10000r/min	10979xg	PP/PC tube
Adapter	4×50ml	PP/PC tube			
Adapter	4×15ml	PP/PC tube			
Adapter	4×10ml	PP/PC tube			
Adapter	4×5ml	PP/PC tube			
Adapter	4×1.5ml	PP/PC tube			

Standard Configuration

Rotor and accessories as quoted. Part number: **UR-1620**.

Warranty and Service

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